



Pacific Coastal Salmon Recovery Fund



2004

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1498	WA IAC	Cowlitz County of	Abernathy Creek Riparian Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$247,131.00	\$0.00	Lower Columbia

Project Description

This project will restore 84 acres (2.5 miles of shoreline) of riparian habitat along Abernathy Creek with the assistance of Cowlitz County Corrections work crews. The project begins at the highly disturbed mouth of the creek (on WDFW property) and continues through conservation easements purchased by Cowlitz County, situated below Abernathy Tech Center (a USFWS fish research facility). Abernathy Creek, a tributary of the Columbia River, provides critical spawning and rearing habitat for ESA-listed Chinook and chum (Threatened), and for coho (Candidate), steelhead and sea-run cutthroat. The creek has an excess of fine sediments, it lacks large woody debris (few conifers are present in the riparian zone, even in forested areas) and water temperatures exceed state standards. These conditions will be greatly improved by restoring riparian vegetation, fencing out livestock and restricting vehicle access to the mouth of the creek. The three-year project involves weed removal, fencing, planting native trees and shrubs (including conifers) in the first year. Maintenance and monitoring will be the focus of the second two years. Labor will be donated by Cowlitz County Corrections. Cowlitz Conservation District will supply technical expertise. Project partners include Cowlitz County (lead), Cowlitz Conservation District, Academy Surveying, Washington Department of Fish and Wildlife, Cowlitz Indian Tribe, U.S. Fish and Wildlife Service and Washington Jail Industries Board.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1556	WA IAC	Chums of Barker Creek, Mid-Puget Sound Fi	Barker Creek Estuary Culvert Replacement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$417,000.00	\$0.00	Puget Sound

Project Description

Historically, Barker Creek, which flows into Dyes Inlet of South Puget Sound, has always been an important stream for migration, spawning and rearing habits of Coho, Chum, Cutthroat, and Steelhead. However, in order to meet the needs of a rapidly growing population, pipe culverts were installed and natural systems were interrupted while overlooking the criteria required for successful salmon runs. Years later, these same species, in addition to a limited number of Chinook still utilize this system. Chums of Barker Creek, a 501(c) (3) organization of stewards incorporated in 1993, has been successful in protecting the riparian zones by obtaining a SRFB grant (2001) to acquire parcels and conservation easements along the corridor. In addition, in 1999 Kitsap County Public Works removed two partial fish barriers upstream replacing them with bottomless concrete culverts. The one remaining culvert installed in 1939 at the estuary at Tracyton Blvd. is seriously deficient. As per "Action Recommendation #1. Replace the culvert at Tracyton Blvd. Crossing with a bridge of sufficient length to restore natural estuarine function up stream, to ensure unobstructed fish passage, and to restore natural sediment transport."(Limiting Factors Analysis 2000) Requests for funding for an aluminum bottomless culvert would address: the high tidal flows which cause velocity barriers for juveniles; and the low flows which limit the natural process for ideal fish habitat at all stages.

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Project Ref	Grantee	Subgrantee	Project Name	State
02-1581	WA IAC	Makah Tribal Council	Brownes Cr Instream Habitat Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$78,129.00	\$0.00	Puget Sound

Project Description

The project will restore formerly productive instream chinook habitat in Brownes Creek that was destroyed when a massive debris torrent initiated from a plugged culvert and deep road-fill failure on State lands. The resulting dam-break flood was amplified by another deep fill a mile downstream, on private timberland. The debris torrent scoured the channel and valley walls up to 20-30 feet high, and removed all wood from the channel for a distance of two miles. Peak chinook spawner counts dropped from an average peak live count of more than 36 fish per mile during the period 1997-1999 to zero in 2000, and 6 in 2001. A large amount of wood was scoured from the channel, and deposited outside of the bankfull width. The wood can be easily relocated in the stream. The project will move wood into the stream using winches, a log loader, and/or a swing-yarder, depending on location. Additional wood will be added where the creek is accessible from the road. Approximately one mile of stream will be directly treated, and additional stream segments will be seeded at stream crossings. Seeding has been successful on the north fork of the Sekiu River, which has similar channel morphology. Channel disturbance will be minimized by walking equipment on wood or large mats (swamp mats) when near or within the channel. Approximately 3,000 feet of stream will be accessed with a logging shovel, and wood will be placed at about five locations with a swing-yarder.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1551	WA IAC	Kitsap County Public Works	Carpenter Creek/Appletree Creek Restore	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$618,905.00	Puget Sound

Project Description

This project is located in Carpenter Creek estuary, which flows into Appletree Cove and drains into Puget Sound near Kingston, WA. This site is a large high quality estuary located in a critical position for migrating salmon from river basins throughout Puget Sound, including ESA listed Puget Sound Chinook. High rates of juvenile chinook and coho have been consistently encountered in commercial purse seine fisheries at Apple Cove Point near the restoration site. Other salmonids inhabiting Carpenter Creek include chum, coho, and cutthroat trout. An undersized culvert at S. Kingston Rd. prevents adequate flow between the salt marsh and estuary and is a partial fish barrier. Significant portions of the marsh are filling in with sediment and freshwater wetland species are encroaching into the upper salt marsh. The 6' wide box culvert has also created large, deep scour holes at both ends of the culvert, trapping juvenile salmonids at low tide, where they become easy prey. The proposed project (Phase 1) would replace the S. Kingston Rd. culvert with a 70' single span bridge. The project would reestablish natural tidal flow to approximately 26.2 acres of estuary/saltmarsh habitat. As the last significant functioning estuary before leaving Puget Sound, Carpenter Creek Estuary plays an important role in the life history of resident and migrating salmonids.

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Project Ref	Grantee	Subgrantee	Project Name	State
02-1446	WA IAC	Centralia City of	Centralia Riparian Restoration Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$83,200.00	Washington Coastal

Project Description

The Chehalis Basin Plan for Habitat Restoration identified the Chehalis River mainstem as a high priority subbasin and the reach between the Skookumchuck River and Scatter Creek as a priority for riparian revegetation. This riparian restoration project lies within these boundaries on the east shore between river mile 61 and 62. It addresses six limiting factors identified by the TAG, that assisted with the development of the Limiting Factors Analysis, for the mainstem through one or more recommended restorative actions for each factor. Within the project reach Chinook salmon spawn, juvenile salmonids overwinter and bull trout, coho and chum salmon, steelhead and cutthroat trout migrate. A riparian zone 200' broad and one mile long will be restored from agricultural field to a mature forest through the planting of 13,000 trees and shrubs of 13 species native to the area. An existing off-channel rearing area will be enhanced through the planting of willows from local stock. The current excessive bank erosion will lessen and shade, cover, microhabitats and long-term LWD recruitment will increase as a result of this project. The public will have access to the area. Users will gain a knowledge of and appreciation for the value of riparian restoration, fish life and a healthy river ecosystem. The project area will be protected in perpetuity through a conservation easement or interlocal agreement held by the Chehalis River Basin Land Trust.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1524	WA IAC	Chewuch Basin Council	Chewuch Basin Irrigators Conveyance	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$294,360.00	Upper Columbia

Project Description

The Project proposes targeted efficiency improvements within the conveyance canals of the three primary irrigators on the Chewuch River (Fulton, Skyline, and Chewuch). A Biological Assessment of the Chewuch River indicates that reduced flows during late summer impact passage, spawning, and rearing opportunities for listed salmon species (chinook, steelhead, bull trout). Seepage assessments on the primary canals identify areas of excess seepage loss. Targeted improvements (pipe and lining) will reduce seepage losses, thereby reducing diversion needs for each ditch. The project will convert a total of 4.0 miles of open ditch to enclosed or lined conveyance over 18 months. Increased conveyance efficiency will result in more water left in the Chewuch River for fish. The project will result in an immediate in-stream flow return of 8-10 cfs, which is equal to the entire late season diversion of the Skyline Ditch. The Project is a continuation of work completed over the past 3 years by the CBC and partner groups (USFWS, NMFS, BOR, USFS, and WDFW) to implement irrigation efficiency projects and develop a habitat conservation plan for the lower reach of the Chewuch. The projects, collectively, are designed to improve habitat values and functions for listed species by leaving more water in stream and improving habitat functions within the reach. These projects have already resulted in increased late season stream flows (17 cfs) through improvements completed on the Skyline Ditch.

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Project Ref	Grantee	Subgrantee	Project Name	State	
02-1485	WA IAC	North Olympic Salmon Coalition	Chimacum Creek Estuary Riparian Acq	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	28-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$301,000.00	Puget Sound

Project Description

The project provides funds to North Olympic Salmon Coalition to help WDFW acquire high quality forested riparian habitat in the Chimacum Creek Estuary. The adjacent riparian habitat and key uplands along the ravine banks and marine headlands, platted at urban density, are rapidly developing. The project dovetails with and is matched by IAC/WWRP program to protect the entire estuary, forested stream reach, and the entire summer chum spawning grounds. These acquisitions will result in protection in perpetuity of a core habitat for ESA listed summer chum and depressed salmon funds. The project will protect one of the most undisturbed estuary riparian areas within Hood Canal and the Straits of Juan de Fuca and prevent incompatible development; degradation of coastal bluff, adjacent estuary wetlands and marine shoreline by protecting and preserving a significant block of steeply sloped forested headlands. Targeted parcels are adjacent to existing WDFW and Trout Unlimited ownership forming contiguous protected shoreline riparian corridor in an area characterized by urban development. Baseline habitat information on all the targeted properties in this program will be documented, monitored for functionality and stewardship needs for 5 years. Establishing baseline documentation over the entire estuary upland habitat, provides the partners with information to guide adaptive management plan public trail access, signage, and monitor urban impacts to the estuary.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1494	WA IAC	Kittitas Co Conservation Dist	Coleman Creek Fish Access	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$101,774.00	\$0.00	Yakima

Project Description

This project addresses an unscreened surface water diversion, fish passage barrier and uncontrolled intersection of a canal and a creek. Major tasks include the installation of fish screen and passage structures, removal of a perched culvert and installation of control structures for the canal. The project is on Coleman Creek, a tributary to Wilson Creek in Kittitas County. The site is approximately 3.3 stream miles from the Yakima River. The diversion structure is the first of many that currently block access to miles of habitat. The installation of screening and passage facilities will occur in cooperation with improved on-farm irrigation systems for the landowner and corrections of all other uncontrolled intersections for the canal. The Kittitas County Conservation District is sponsoring this project as part of the Yakima Tributary Access and Habitat Program (YTAHP). YTAHP was conceived by a consortium of local irrigation and conservation districts, as well as WDFW. The Bonneville Power Administration (BPA) awarded the YTAHP core team \$2.2 million (FY02-FY04). This funding will provide the staff and other infrastructures necessary to address hundreds of fish screen and passage projects on tributaries of the Yakima River. This site and 10 others in Kittitas and Yakima County were identified as "early action". This project is an exceptional opportunity to take advantage of the resources and expertise provided through the YTAHP and complement related projects.

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Project Ref	Grantee	Subgrantee	Project Name	State
02-1592	WA IAC	Great Peninsula Conservancy	Curley Creek Estuary Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-JUN-03 -	Salmon Habitat Protection and Restoration	\$294,500.00	\$0.00	Puget Sound

Project Description

This project will preserve the Curley Creek estuary, by acquiring the lands (20 acres) that comprise its entire shoreline, the surrounding steep slopes, and 6 adjacent forested upland parcels. The Curley/Salmonberry Creek system, one of the largest watersheds in south Kitsap, supports 5 species of salmonids: Chinook, coho, chum, steelhead and cutthroat. Its estuary is currently in a relatively natural state and in good condition, without any armoring or other development on its shoreline or slopes. Estuaries are critical to the survival of salmon, providing rearing habitat for juveniles and refugia for adults and juveniles, and serving as crucial transition zones for smolts moving from fresh to salt water. Extensive alterations of estuaries and other nearshore areas by humans have seriously harmed these habitats and the species most dependent on them -- particularly chum and Chinook, both present in the Curley Creek estuary. 90% of the estuary lands are in one ownership and are for sale. If developed, the mature native forest will be replaced with residences, drainfields and impervious surfaces, with attendant impacts to the property's steep slopes, the shoreline and the estuary itself. The opportunity to protect the integrity of this estuary will be lost. Acquiring these 20 acres for conservation and educational use will protect this estuary in its natural state and preserve it for use by the diversity of salmonids that use this system and adjacent nearshore areas.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1437	WA IAC	The Nature Conservancy	Darlin Creek Acquisition and Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$492,783.00	\$0.00	Washington Coastal

Project Description

This project is part of a larger effort by the Capitol Land Trust to protect the Darlin Creek headwaters to the junction of the Dempsey Creek and Black River. It is supported by USFWS and the Capitol Land Trust. The objectives are to: 1) permanently protect 217 acres of highly threatened riparian, wetland and floodplain habitat; 2) decommission more than one mile of roads; and 3) remove three culverts. The project area is within the Black River sub-basin of the Chehalis watershed, a high priority sub-basin. It is located between the Capitol State Forest and the Black River Unit of the Nisqually Wildlife Refuge. The area provides overwintering, spawning and rearing areas for coho salmon and cutthroat, and habitat for the Oregon spotted frog. The properties are owned by Aloha Lumber Corporation. A real-estate firm is marketing the properties for residential development. The project will: 1) Ensure permanent protection of off-channel and side-channel habitat, both high-priority limiting factors. 2) Improve fish passage and access to spawning and off-channel habitat - one mile of blocked habitat will be opened. 3) Enhance wetland connectivity and hydrologic continuity; enhance habitat connectivity between Capitol State Forest and the Refuge. 4) Provide opportunities to further restore the habitat to a naturally functioning system. Ensure a future source of woody debris by protecting the riparian corridor.

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Project Ref	Grantee	Subgrantee	Project Name	State	
03-1178	WA IAC	NW Straits Marine Cons. Found,	Derelict Fishing Net Removal	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$150,000.00	Washington - Statewide

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1527	WA IAC	North Yakima Conservation Dist	Diversion 14 Fish Screen - Ahtanum Cr.	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	06-MAY-03 -	Salmon Habitat Protection and Restoration	\$199,000.00	\$0.00	Yakima

Project Description

The North Yakima Conservation District, with support from the Yakima Basin Tributary Access and Habitat Program (YBTAHP) participants, proposes implementation of this engineered fish screen design and improvements on Ahtanum Creek. This project has been identified by YBTAHP as a high priority/early implementation project. Ahtanum Creek lies partially within the Yakama Nation, and it currently supports steelhead and bull trout, as well as Chinook and Coho salmon, making it a high priority stream for fish passage/screening improvements. This unscreened diversion lies approximately 11 miles upstream from the confluence with the Yakima River and three miles downstream of the Ahtanum Irrigation District (AID) and the Wapato Irrigation Project (WIP) screen diversion. It is the last unscreened gravity diversion remaining on the Ahtanum Creek. All other diversions on Ahtanum have been or are currently being screened or converted to screened pump diversions. Over the past several years AID, WIP, and fish management agencies have been working cooperatively to subordinate water to maintain minimum fish passage levels in the lower 14 miles of Ahtanum Creek thus making this project critical to recovery efforts. xxxx

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Project Ref	Grantee	Subgrantee	Project Name	State
02-1602	WA IAC	Fish & Wildlife Dept of, Jefferson County of	Donkey Creek Culvert	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$119,000.00	\$0.00	Washington Coastal

Project Description

This project would replace a known fish barrier on Donkey Creek, a small tributary to the Clearwater River in WRIA 21. Donkey Creek enters the Clearwater at RM .22 below a large gravel bar locally known as "Picnic Bar". The barrier consists of three concrete culverts under the Clearwater Road at Milepost 1.3, just south of Quinault Ridge road. WDFW staff identified this barrier as one needing replacement in a Jefferson County culvert inventory and one which would open up additional fish habitat in the Clearwater watershed. Jefferson County owns the road and has agreed to sponsor the project and put forth half the required match. WDFW Environmental Restoration Division has agreed to put forth the other half of the match and to do the design and construction of the project. In terms of priority, very few culverts have been inventoried off the Quinault Reservation. In addition, many private landowners are not eligible this round for culvert repair funding due to their falling under the Forest and Fish Rule. It appears that this barrier would be eligible for SRFB funding. The Donkey Creek barrier is the only one identified in the Jefferson County Culvert Assessment of 2000 that is within the boundaries of WRIA 21. The project would open up over 1200 square meters of spawning area and almost 3,000 square meters of rearing area for coho, chum, cutthroat, steelhead, and Dolly Varden/bull trout, for an estimated stream length of 2,263 meters (1.4 miles).

Project Ref	Grantee	Subgrantee	Project Name	State
02-1482	WA IAC	WA Trout	Dosewallips Estuary Restoration Ph 1	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$165,017.00	Puget Sound

Project Description

Washington Trout (WT), in partnership with Hood Canal Coordinating Council, Port Gamble S'Klallam Tribe, Washington State Parks and Recreation, Washington Department of Fish and Wildlife, and Brinnon-area residents proposes to undertake a variety of estuarine restoration measures at the Dosewallips estuary in Brinnon, WA, on Hood Canal. Though the project scope encompasses the entire Dosewallips estuarine delta, Phase 1 work will target publicly owned lands held by WSPR and key privately owned lands, which constitute most of the tidally-influenced environment of the lower river. Our proposed approach will be to complete restoration actions on public lands to build public trust and understanding of effective salmon habitat restoration while improving nearshore conditions for juvenile chinook and other estuary dependent fish and wildlife species. A local restoration team composed of multiple stakeholders will guide the project manager, WT, with project identification, prioritization, design, implementation, and monitoring measures. Phase 1 will include distributary slough and estuarine marsh restoration. Requested funds will support land acquisition, project design, implementation, and monitoring. In-kind support includes: donated plant materials, volunteer time, agency staff time for pre-project planning/permitting, and work products from an ongoing watershed assessment. Work for the proposed project will begin in April 2003 and end by Fall 2004, excluding long-term monitoring activities.

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Project Ref	Grantee	Subgrantee	Project Name	State
02-1506	WA IAC	Fish First	Doty Habitat Restoration Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$237,129.00	\$0.00	Lower Columbia

Project Description

This project will restore degraded salmonid spawning habitat, improve stream complexity and cover and restore rearing habitat on 4,240 feet of the Amboy to Pigeon Springs reach of Cedar Creek, a tributary of the North Fork of the Lewis River in Clark County. Two species listed as threatened (Chinook and Steelhead) and one candidate for listing as threatened (Coho) are present in the Cedar Creek system. Sea-run Cutthroat Trout also populate the system. The WRIA LFA and the Lower Columbia Steelhead Conservation Initiative both identify the system as sanctuary habitat in need of protection and restoration. The property proposed for restoration historically provided excellent spawning and rearing habitat that has become seriously degraded due to past removal of most large woody debris and various land-use activities. That removal has resulted in loss of stream complexity and loss of access to high quality rearing habitat. Much of the riparian area was also pastured to the creek banks which has seriously degraded stream cover. This project will restore stream complexity and overall habitat productivity by the installation of rock vanes, associated pools and spawning gravel and placement of over 60 rootwads. Over 700 foot of old stream channels will be connected to the stream and developed as year round rearing habitat. Finally, 2,200 feet of riparian area will be restored by tree plantings and annual salmon carcass placement will provide stream nutrient enhancement.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1656	WA IAC	Kittitas Co Conservation Dist	Dry/Cabin Crk Fish Passage & Screening	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$164,051.00	\$0.00	Yakima

Project Description

This project addresses unscreened, impassable irrigation water diversions that serve an inefficient irrigation system. Major tasks include the installation of a fish screen, fish passage structure, mini-pivot irrigation systems, and site restoration by planting appropriate riparian tree and shrub species. The project site include a springbrook waterway known as Cabin Creek and Dry Creek, which is a tributary to the Yakima River at RM 157. From the project site downstream to a side channel of the Yakima River is rearing habitat for juvenile spring Chinook salmon and resident fish (rainbow trout). The irrigation diversion structures currently block access to approximately 1.2 miles of rearing habitat. The KCCD is sponsoring this project as part of the Yakima Tributary Access and Habitat Program (YTAHP). YTAHP was conceived by a consortium of local irrigation and conservation districts, as well as WDFW. The BPA awarded the YTAHP core team \$2.2 million for FY02 to FY04. This funding provides the staff and other infrastructure necessary to address hundreds of fish screen and passage projects on tributaries in the Yakima basin. Eleven sites in Kittitas and Yakima Counties were identified as early action, including this site. The project is an exceptional opportunity to provide immediate benefits to juvenile salmonids, while taking advantage of the resources and expertise provided through the YTAHP.

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Project Ref	Grantee	Subgrantee	Project Name	State	
02-1561	WA IAC	Mount Vernon City of	Edgewater Park Off-Channel Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$333,000.00	\$0.00	Puget Sound

Project Description

The Edgewater Park site in the City of Mount Vernon is located on the west side of the Skagit River in the floodplain. From Sedro Woolley downstream, for over 22 miles, the natural processes of the river have been restrained between levees. At the park, the levee has been set back from the river, a unique condition. Historically, the south end of the park had been bisected by several off-channel sloughs. Over time, these sloughs have been partially filled at their north end. The remaining slough areas (34-acres) act as a refuge for wildlife and offer protection and shelter to salmon at various life stages during times of high water. A deposition bar at the south end makes passage out of the sloughs difficult as the river recedes, causing stranding. A SRFB funded feasibility study (00-1745N) determined the most cost effective and sustainable method for restoring this area. An ALEA grant has allowed design, engineering and permitting to proceed. This grant will help construct the restored off-channel sloughs and reconnect isolated habitat to the river. The end result will be the re-emergence of historic landscape processes - a functioning off-channel slough system - a rare resource in the lower Skagit River. A resource of value to natural river functions, to various life stages of fish and to the community.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1545	WA IAC	Wild Salmon Center	Elk Creek Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$680,000.00	Washington Coastal

Project Description

Elk Creek, A Tier 1 stream, Shoreline of the State, provides five miles of contiguous low gradient freshwater high quality salmonid habitat. At RM 1.3 it begins a meander through a small valley with steep slopes and multiple dendritic drainages. The valley floor is perennially saturated with a multitude of wetlands and side wall spring fed channels that are utilized extensively by wild juvenile Coho and steelhead. Habitat conditions are very good with large woody debris forming deep pools alternating with shallow gravel used extensively by wild Coho, steelhead and cutthroat trout for spawning and rearing. Elk Creek Acquisition targets 220 acres, a narrow strip ¼ mile wide by 1 ¼ miles long that forms the valley floor, borders both sides of Elk Creek and the lower portions of the adjacent steep hillsides. This area is currently owned by ITT Rayonier and is slated for clear-cut logging operations in Spring 2003. Concerns are current Forest Practices will not provide adequate protection to this valuable salmon habitat as complete mapping and delineation of wetlands have not been carried out in this watershed. (limiting factors - WRIA 20) Elk Creek provides one-third of the total redds spawned in the entire Calawah Basin. This project proposes to protect this valuable spawning stream by direct purchase from Rayonier and transfer it from commercial timberlands to lands managed by the WDFW for protection of wildlife and wild fish stocks in perpetuity.

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Project Ref	Grantee	Subgrantee	Project Name	State	
02-1460	WA IAC	Fish & Wildlife Dept of	English Boom-Leque Island Acq & Res.	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$370,000.00	Puget Sound

Project Description

The project area encompasses the English Boom/Leque Island complex and continues the efforts of the Washington Department of Fish and Wildlife and the Nature Conservancy to acquire and restore critical estuary habitat in the Stillaguamish River estuary. The objective of this project is to purchase the fee simple title and initiate restoration on 135 acres of dikes tidal slough, salt marsh and freshwater wetlands. The project sites are located in Island County at the mouth of the West Fork of the Stillaguamish River. The properties were diked and drained in the 1930's to support agriculture and at least half are actively farmed today. The English Boom and Leque Island sites historically provided important rearing habitat for six species of juvenile Pacific salmon including stocks of ESA listed Skagit and Stillaguamish native chinook and anadromous bull trout. Acquisition and restoration of tidal slough/floodplain habitat is identified as a priority project in the Salmon Habitat Limiting Factors report for Water Resource Area 6 and is a tier one nearshore project in the Island County Salmon Recovery Strategy. SRFB dollars will be matched by a recently secured \$977,000 grant from the national Coastal Wetland Restoration program to complete acquisition of target lands and initiate restoration of tidal floodplain functions.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1579	WA IAC	Pierce Co Conservation Dist	Foothills Trail Culvert Replacement	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$172,878.00	\$0.00	Puget Sound

Project Description

The Foothills Trail Culvert Replacement project will open a large area of wetland refugia to juvenile salmon in a tributary to South Prairie Creek. The wetland habitat is less than a mile from mainstem South Prairie Creek, a priority stream for salmon recovery in the Puyallup River Watershed. The existing concrete culvert under the Foothills Trail is a total barrier to fish passage due to a 1' perch with no plunge pool, high velocity, and the bare pipe barrel. The culvert blocks fish passage to a large wetland/pond area of rearing habitat on a tributary to South Prairie Creek. The project will replace this barrier culvert with an 8' diameter aluminum culvert with spawning gravel in the invert. Wetland rearing habitat will be opened for South Prairie salmon.

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Project Ref	Grantee	Subgrantee	Project Name	State
02-1563	WA IAC	Swinomish Indian Tribe	Fornsby Creek SRT	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$285,000.00	\$0.00	Puget Sound

Project Description

The Fornsbys Creek Self-Regulating Tidegate (SRT) project is a fish passage and habitat restoration project located along the Swinomish Channel of the Skagit River delta. The site was once an expansive estuarine emergent marsh over 900 acres in size (Collins & Sheilk, 2002). Hydraulic modifications including installation of flap-style tide gates converted this emergent marsh to arable uplands. The modern site still contains a significant network of remnant slough channels, albeit simplified by decades of agriculture. These remnant channels are presently influenced by small freshwater tributary streams and seeps but isolated from tidal influence. The project proposes to replace existing impassible tide gates with self-regulating tide gates (SRT's). Tide gate replacement will restore tidal influence to the channels, enable fish passage, and increase the amount of available blind channel, distributary, and tributary habitat for all salmonid species. Allowing a wide range of tidal influence to interact with the remnant channels' freshwater flows on the floodplain will create estuary-type freshwater/salt water mixing zones. These mixing zones are critical rearing habitat for juvenile salmonids. The project will also implement habitat restoration actions on 1.3 miles of the re-opened channel habitat. In total, the project will re-open more than five miles of channel to fish and improve over 50 acres of aquatic habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1523	WA IAC	Hood Canal SEG	Ghost Net Removal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$95,000.00	Puget Sound

Project Description

This project involves the removal of derelict gill nets from nine (9) different locations in Hood Canal from the mouth of the Skokomish to the Hood Canal Bridge. These nets are currently damaging the marine ecosystem and threatening salmon survival as documented by underwater video footage and three (3) pilot net removals. The nets prioritized for removal are in locations known to be used by migrating salmon such as Dewatto Bay, Potlatch, and Tekin Point. Nets previously removed in similar locations had numerous salmon bones entangled in them supporting the premise of lethal impacts to migrating salmon. Impacts of derelict gill nets accumulate over time as organisms entangled in the nets become bait and attract other organisms to the net from greater distances. The longer the nets are in the environment, the more organisms they kill. This will be addressed by establishing a response mechanism that will allow reported nets to be located and removed immediately after they are lost. The Northwest Straits Commission is in the process of establishing a public education and outreach program including brochures, posters, fact sheets, and Powerpoint presentations which will be taken "on the road" to raise awareness and promote prevention of reoccurring lost gear. The Hood Canal Salmon Enhancement Group will work with the Straits Commission to make this a successful program.

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Project Ref	Grantee	Subgrantee	Project Name	State	
02-1529	WA IAC	Capitol Land Trust	Gull Harbor Conservation	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-OCT-03 -	Salmon Habitat Protection and Restoration	\$756,872.00	\$0.00	Puget Sound

Project Description

With this grant, Capitol Land Trust will acquire a conservation easement that permanently protects Gull Harbor, a high quality 30-acre estuary, with 2.2 miles of surrounding shoreline vegetation and 64 acres of adjacent upland. Gull Harbor is located on the east side of Budd Inlet, north of Olympia. It is one of southern Puget Sound's most intact estuarine environments, providing high quality habitat suitable for chum, coho, sea-run cutthroat, chinook, and prey species such as sand lance, surf smelt and Pacific herring. Gull Harbor is threatened by residential development. Current threats include construction of bulkheads and docks; clearing of shoreline vegetation; and contamination from septic systems, surface erosion, and storm water runoff. Nearshore and estuarine habitat in Budd Inlet has been heavily impacted (approximately 50% of the marine shoreline has been armored) and development is encroaching on the area. This project will add to habitat already protected by Capitol Land Trust through a conservation easement with an adjacent landowner. When all project phases have been completed, the entire estuary, 3 miles of shoreline and 700 acres of upland-riparian habitat will be protected. The total project will encompass an entire small ecosystem, including the forested tributaries with beaver ponds and wetlands in the headwaters, the sheltered estuary and surrounding vegetation, and shoreline along the open waters of Puget Sound.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1622	WA IAC	King Co Water & Land Res	Issaquah Cr Log Cabin Reach Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$708,671.00	\$0.00	Puget Sound

Project Description

This project seeks to acquire eight parcels along Issaquah Creek in the Middle Issaquah Creek Basin. The immediate benefits are the protection of 152 acres of mature forests, wetlands and a riparian corridor along 1-1/4 miles of both sides of Issaquah Creek. The parcels are a key component of the overall Issaquah Creek Waterways Program; a Program committed to preserving the best riparian habitat along Issaquah basin streams. The reach is part of a Regionally Significant Resource Area and provides excellent rearing and spawning habitat including process areas that offer braided channels and pools with high water refugia for juvenile fish, clean spawning gravel, large woody debris and a diverse and sinuous riparian corridor. The parcels provide a link in the wildlife corridor that incorporates Tiger Mountain and Squak Mountain State Forests, Taylor Mountain Forest and other protected forests and connects to the City of Seattle watershed (90,000 acres). In addition to the on-site habitat benefits, the mature forests and wetlands throughout this reach are essential to the protection of water quantity, water quality and aquatic habitat for all of Issaquah Creek. Issaquah Creek supports ESA-listed chinook, char (possibly ESA listed bull trout), sockeye, coho, kokanee, steelhead and cutthroat. Issaquah Creek is considered a WRIA 8-core area for chinook production and this reach has been identified as a high priority acquisition site in the WRIA 8 Near Term Action Agenda.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1588	WA IAC	King County DNR & Parks	Kanaskat - Phase 3	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$596,190.00	Puget Sound

Project Description
<p>In 2001, Trust for Public Land listed 10 rivers in Puget Sound considered most important to protect for salmon recovery; the Middle Green River was one of them. In 2002, the WRIA 9 SRF Board Project Selection and Funding Committee ranked the Kanaskat - Phase 3 application as the top acquisition proposal in the watershed. Many documents recommend preserving the area identified in this grant: Near-term Action Agenda for Salmon Habitat Conservation (WRIA 9, 2002) Last Best Places in the Green River Watershed (King County, 2002) Habitat Limiting Factors & Recon. Assess. Report - WRIA 9 (KC & WA Cons. Comm., 2000) Waterways 2000 (KC, 1995) Green/Duwamish River Basin Ecosystem Restoration Study - Final Feasibility Report (Corps of Engineers, 2000) The purpose of this proposal is to protect 48 acres with 3,800 feet of river frontage. Preserving these parcels would: Protect the premier chinook spawning and rearing habitat Expand the ecological influence of previous acquisitions and create a critical link between Largeblocks of public open space Protect three perennial streams that provide important habitat features for salmon Facilitate future fish habitat restoration projects Tremendous development pressure exists in the Kanaskat area. A development permit has been obtained for a parcel proposed for protection in this grant; all property owners are willing to negotiate. Development in this reach would be detrimental to the chinook recovery effort in WRIA 9.</p>

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1648	WA IAC	Lummi Indian Nation	Kwina Slough Acq. & Riparian Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$303,975.00	\$0.00	Puget Sound

Project Description
<p>This proposal is to purchase and preserve 93.3 acres of riparian land bordering Kwina Slough and the remnant Steamboat Slough in the Nooksack River Estuary and to restore riparian functions on the property. The property will be protected from potential uses such as development, gravel mining or poplar plantations. This proposal includes site cleanup, invasive plant control and riparian restoration. The implementation of this proposal will also facilitate instream treatment options being developed in the Nooksack Estuary Habitat Assessment Project.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1573	WA IAC	North Olympic Land Trust	Lake Pleasant & Lake Creek Conservation	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	08-MAY-03 -	Salmon Habitat Protection and Restoration	\$297,500.00	\$0.00	Washington Coastal

Project Description

The partners seek to permanently protect, by conservation easements, productive sockeye, coho, steelhead and cutthroat habitat on about 29 undeveloped acres on the north shore of Lake Pleasant, which include the inlet of Lake Creek. All the sockeye in the Quillayute system spawn in Lake Pleasant, preferring the north end. They are a unique stock, an Evolutionarily Significant Unit whose status appears stable, with observed escapement of up to 3,500 fish in 2000. The project area includes 1,300 feet of Lake Creek, tributaries to the creek and the lake and approximately 10 acres of forested wetland. This portion of Lake Creek, with its tributaries, has been called the most productive coho habitat in the Quillayute system; these coho include a unique, resident population. Steelhead and cutthroat trout also spawn and rear in this area. The lower reach of Lake Creek, south of the lake, is prime chinook spawning habitat. Protecting water quality as Lake Creek flows into the lake will help protect water quality at the outlet. Increasing development pressure at Lake Pleasant lends urgency to protecting spawning and rearing habitat of unique salmonid populations; the owner could sell, log or build at any time. Conservation easements would prohibit timber harvest, removal of wood from streams and construction of impervious surfaces or shoreline armoring. Protecting this habitat is the Quileute Tribe's top priority and the current landowner supports the project. See attachments 2, 3, 4 & 5.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1596	WA IAC	Snohomish Co Conservation Dist	Little Deer Erosion Control	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	30-MAY-03 -	Salmon Habitat Protection and Restoration	\$262,500.00	\$0.00	Puget Sound

Project Description

Snohomish Conservation District is partnering with the US Forest Service to provide controlled drainage along 13.85 miles of Little Deer Road System to reduce risk of road failure, erosion, and sediment production, and to reduce effects on fish habitat (egg-to-fry survival/rearing survival) and water quality in Little Deer Creek (Deer Creek is listed as temperature sensitive, WA 303d). Little Deer Creek is a major tributary to Deer Creek (an important tributary to the North Fork Stillaguamish River). Bull trout, steelhead and coho utilize Little Deer Creek, while chinook, pink, chum, and sea run cutthroat trout utilize lower Deer Creek. Little Deer Creek has 10 miles of anadromous and resident fish habitat, and has been identified as refugia for steelhead, coho, and char in the Deer Creek basin. This project consists of various treatments, including the addition and/or replacement of culverts, fill stabilization, installation of water bars, and removal of road prism where needed for stability. These treatments are expected to improve water quality and reduce the risk of landslides/sediment delivery. This action is expected to contribute to the incremental reduction of road-associated failures and other sedimentation that is occurring from water collection and concentration. Better spawning, egg to fry survival, rearing and holding habitat conditions for salmon and other aquatic species will result. Monitoring has been an ongoing part of this restoration effort.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1591	WA IAC	South Puget Sound SEG	Little Skookum Valley, Phase I: Passage	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-AUG-03 -	Salmon Habitat Protection and Restoration	\$120,140.00	\$0.00	Puget Sound

Project Description

This salmon enhancement project will improve a Mason County stream/road crossing on Skookum Valley Creek, (a tributary to Skookum Creek at RM 5). The Eich Rd culvert is a nearly impassable structure that has begun to rust and fail. The water is falling through rust spots at the outlet making it difficult for salmon migration. The project site is an excellent location for a "bridge like structure". The likely structure will be a large 18' Aluminum Arch Culvert or 20' pre-fabricated bridge. The structure will provide stream bed material transport and natural stream flows. The project goal is to allow for fish migration at all life stages. The Skookum Creek watershed is targeted by WRIA 14 Lead Entity to develop future salmon projects. Salmon barriers are listed as a limiting factor in the Skookum Watershed. Several salmon restoration projects have recently been completed in the Skookum Creek watershed by WDFW and Squaxin Island Tribe. The WRIA 14 Salmon Habitat Committee feels it is important to utilize a watershed based habitat approach for salmon recovery. This project was identified as a salmonid barrier using WDFW criteria during the WRIA 14 Fish Passage Inventory completed in Fall 2002. Fish species benefiting from this project will be coho, steelhead, chum, cutthroat, and other resident species (trout, sculpin, dace, etc.).

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1444	WA IAC	South Puget Sound SEG	Little Skookum Valley, Phase II:Riparian	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$27,942.00	\$0.00	Puget Sound

Project Description

This salmon enhancement project will improve stream habitat on Skookum Valley Cr, (a tributary to Skookum Cr at RM 5) for salmonids and other resident species. SPSSEG and partners will implement Large Woody Debris (LWD) placement, riparian fencing, and provide riparian plantings upstream of a Round 4 SRFB Application (Eich Road Fish Passage Project). Together, these projects will have a positive effect for salmon in the Skookum Valley Cr watershed. Currently, a 300 m section of creek is degraded due to lack of riparian cover, LWD and excessive invasive plants. The source of future LWD recruitment has been dramatically reduced due to past human activities. In-stream salmon habitat complexity is important for salmonids that rear in local creeks. Coho, steelhead, and cutthroat need diverse stream habitat to reach their optimal production. The Skookum Cr watershed is targeted by WRIA 14 Lead Entity to develop future salmon projects. This project will improve habitat. Several salmon restoration projects have recently been completed in the Skookum Cr watershed by WDFW and Squaxin Island Tribe. The WRIA 14 Salmon Habitat Committee feels it is important to utilize a watershed based habitat approach for salmon recovery. With help from project partners LWD, fencing, and riparian conditions will be improved in the creek. There are several places where cattle have access to the stream. SPSSEG will develop a work plan with the landowners to assist them with implementation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1601	WA IAC	Kent City of	Lower Green River Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	11-JUL-03 -	Salmon Habitat Protection and Restoration	\$975,085.00	\$0.00	Puget Sound

Project Description

The purpose of this proposal is to acquire the Rosso Nursery, a Lower Green River property that totals 36.7 acres and 0.92 miles of undeveloped shoreline. The site is currently for sale and represents a critical shoreline acquisition in a portion of the Green-Duwamish River Watershed where open space, undeveloped shoreline, and functioning salmonid habitat features are scarce. Once acquired, the site would be restored to maximize in-stream, riparian and off-channel habitat for chinook and other salmonids. Restoration would include installing multiple side channels with habitat features that are connected to the Green River main stem as well as in-stream and riparian habitat along the main stem. The proposed Rosso Nursery acquisition complements a multi-jurisdictional vision to protect and restore functioning riparian habitat along the Lower Green River. Various jurisdictions are currently acquiring and/or restoring key parcels within the Lower Green River sub-watershed and have restored multiple sites in this reach including several levee setback projects. Acquisition of this 36+ acre shoreline property will accomplish the following: (1) protect a large open space property located inside a long meander bend of the Lower Green River, (2) preserve the future opportunity to restore properly functioning salmonid habitat in a portion of the watershed that currently lacks such features, and (3) increase habitat connectivity among habitat restoration sites within this reach of the river.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1574	WA IAC	South Puget Sound SEG	Malaney Creek Fish Passage Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-AUG-03 -	Salmon Habitat Protection and Restoration	\$326,780.00	\$0.00	Puget Sound

Project Description

Malaney Cr travels for about 3 miles from the outlet of Spencer Lk until the confluence with Oakland Bay. Approximately 0.50 miles upstream of Oakland Bay, a major culvert barrier exists under Agate Rd. The culvert possesses several barrier attributes including slope, velocity and stream/toe ratio. During a recent habitat check, zero anadromous fish were observed upstream of the barrier. The downstream check provided multiple observations of salmonids. This project will better access 2.5 miles of habitat for Coho, steelhead, chum salmon and cutthroat trout. The available habitat is considered to be functional and intact. SPSSEG and partners will build a cost effective solution that benefits salmon and their habitat needs. This project will construct a 22' wide 100' long concrete box. Similar road/stream projects on Agate Rd are a 20' Box on Spring Cr and an 18' Pipe Arch on Campbell Cr. These bottomless or stream simulation structures provide stream functions, i.e. LWD and organic material transfer. The riparian area surrounding the structure will be revegetated and LWD will be placed to add diversity and wood needed in the system. Several other successful SRFB salmon projects have been completed on Agate Rd in Mason Co. This project will build upon the positive momentum gathered in Mason Co for salmon restoration. Much of the match will be provided by Mason County, the landowner, in the form of cash and donated labor and equipment.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1650	WA IAC	Methow Conservancy	Methow Critical Riparian Habitat Acq	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$1,958,010.00	\$0.00	Upper Columbia

Project Description

Over the past three years the Methow Conservancy has protected a total of 6.2 miles and 600 acres of riverfront habitat with conservation easements. All of these easements are located in designated "hotspots" for steelhead, spring Chinook and/or bull trout. According to the Limiting Factors Analysis and the Lead Entity Strategy, protecting functional habitats is a top priority. The Methow Conservancy has a proven track record with conservation easements and community-based conservation planning, and the organization is poised to protect a large and important block of habitat. This proposal requests funding for conservation easement purchases on seven critical properties between the towns of Winthrop and Mazama. These easements will instigate protection of the Upper Methow Habitat Block, a corridor of extremely high-quality riparian habitat where side channels, large woody debris and spawning areas are abundant. Currently only 33 acres of private land in the reach are protected. This proposed project will protect over 1000 acres and 6.8 miles of riverfront habitat. Based on analysis by a certified appraiser, easement purchases for the targeted properties will cost approximately \$2.2 million (fee simple purchase would total over \$10 million). Funding this project will prevent the fragmentation from the residential development and dispersed recreation that is rapidly encroaching on this important spawning reach.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1630	WA IAC	Nooksack Salmon Enhance Assn	MF Nooksack Side Channel Improvement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$117,300.00	\$0.00	Puget Sound

Project Description

The Middle Fork Nooksack Side Channel Improvement Project will improve and protect spawning and rearing conditions in a 3500' long spring-fed side channel of the Middle Fork of the Nooksack River. The channel is currently used by spawning ESA-listed native chinook, as well as wild spawning populations of coho, pink, and steelhead salmon. The channel is located along an abandoned river meander bend and is supplied with 12 cfs of high quality, year-round spring-fed water flows. A 20' wide distributary channel connects the head of the project reach with the river and transports occasional river flows during a storm event. A 160 cfs flow was measured during a two-year storm event in 2002. Channel gradient ranges between 0.5% and 2.0 % and is characterized by riffles / glides armored with the 3"-12" cobble from the old riverbed. Infrequent pools are long and shallow with no large woody debris (LWD) cover. Spawning and rearing conditions will be improved in channel by the placement of 200 pieces of large woody debris (LWD) in the channel to improve gravel sorting, pool formation, cover and overall channel roughness. LWD will be placed along the 3500-foot channel using a helicopter and a track excavator will arrange LWD into stable arrays.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1620	WA IAC	Skagit Land Trust	Minkler Lake Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$237,150.00	Puget Sound

Project Description

Skagit Land Trust proposes to purchase approximately 107 acres in and around Minkler Lake, which is a mile-long remnant ox-bow lake located in the Skagit River flood plain six miles east of Sedro Woolley on the north side of the river. The property is a long, relatively narrow tract, which encompasses most of the lake and wetland system, and the habitat conditions on the site are good. It provides important rearing habitat for juvenile coho salmon and for sea-run cutthroat trout, which access the system from the Skagit River through Childs Creek. In addition to protection of high quality existing habitat, opportunities to restore greater natural function to the Minkler Lake system will be greatly increased by Skagit Land Trust ownership. Once this property is acquired, the Trust will also explore opportunities to expand on protection on other key parcels in area. Objectives of this project include to: 1) acquire 107 acres of key habitat; 2) conduct baseline documentation of existing conditions of property and develop a management and restoration plan; 3) identify additional properties in the area where more acquisition would increase restoration and protection opportunities; 4) explore partnership and funding opportunities for preferred restoration options and for additional acquisition if appropriate.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1552	WA IAC	Nisqually Indian Tribe	Nisqually Estuary/Red Salmon Slough Rest	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$286,416.00	\$0.00	Puget Sound

Project Description

This project will restore approximately 110 acres of diked pasture in the Nisqually Delta and return it to its original estuarine condition by removing and setting back approximately 6000 linear feet of dikes. The result will be an estimated 18% increase of total saltmarsh and fresh/salt transitional habitat in the Nisqually Estuary. The project will be accomplished by removing the dikes, which impede the tides from inundating the southern areas of Red Salmon Slough. This is the second and largest phase of the Tribe's plan to restore natural estuarine functions on their land. The successful first phase, which opened up 31 acres to the tides, fish and other wildlife, was completed in 2002. All phases of this project were inspired by a very successful 11-acre mitigation project nearby, which was completed in 1996. Monitoring of the mitigation project site found extensive juvenile chinook, chum, and coho salmon usage. In the Nisqually watershed strategy, restoration of the estuary is the highest priority habitat action. Scientific modeling indicated restoration of the entire estuary will result in a 100% increase in naturally produced Nisqually chinook salmon. The model estimated an increase of the estuary carrying capacity for Nisqually salmon by at least 9% as a result of this project. Further, because the Nisqually River estuary provides a high percentage of estuarine habitats in southern Puget Sound, the restoration project is significant for regional salmon recovery.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1476	WA IAC	Nisqually R Basin Land Trust	Nisqually River Shoreline Protection	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Salmon Habitat Protection and Restoration	\$400,000.00	\$0.00	Puget Sound

Project Description

The Nisqually Chinook Recovery Plan identifies acquisition of shoreline property and the permanent protection of riparian habitat along the Nisqually River as the highest priority freshwater action. The applicant, the Nisqually River Basin Land Trust (NRBLT), is taking the lead in implementing this plan element. The NRBLT, through a 2001 SRFB project, will be conducting an inventory of shoreline ownership in the salmon area of the Nisqually River. Preliminary inquiries indicate that there are a number of smaller (2 to 20 acres) parcels along the river, many containing good to excellent riparian habitat. Any one of these smaller parcels does not justify a separate SRFB application, plus we have learned in recent years that landowners, once deciding to sell, are reluctant to wait the 12+ months for SRFB grants to become available. Therefore, the NRBLT is proposing an alternative approach. We are seeking funds to acquire critical shoreline property without identifying in advance each individual parcel. Rather, actual parcels will be evaluated and ranked for acquisition using selection criteria. Each potential acquisition, once identified, will be reviewed and approved by the Nisqually Salmon Recovery Lead Entity, in consultation with the Nisqually Habitat Workgroup, and by the IAC grant officer. The target for the project is a minimum of 100 acres of shoreline property, covering a minimum of two river miles.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1604	WA IAC	Nordheim Family	Nordheim Riparian Enhancement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$18,337.00	Middle Columbia

Project Description

This riparian enhancement project is located on Upper Dry Creek, tributary to the Walla Walla River, an identified steelhead spawning and rearing area. Riparian buffer establishment will improve salmonid habitat by increasing buffer filtration function and shading, reducing direct sediment impacts by stabilizing stream banks, and provide for organic debris recruitment. Water quality will improve by reducing livestock impacts. Project involves establishment of a fenced and vegetated riparian buffer with livestock exclusion. Development of an off-site watering system is necessary to ensure adequate management of the production livestock operation. The fence and water system will allow proper buffer development thus providing enhanced salmonid habitat and increased water quality.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1606	WA IAC	Snohomish Co Conservation Dist	Oso Loop Rearing Habitat Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$105,715.00	\$0.00	Puget Sound

Project Description

Snohomish Conservation District will work with two landowners to improve instream and riparian conditions along 2690 feet of off-channel rearing habitat in the vicinity of Fry Creek (FC) on the North Fork Stillaguamish River (NFS). Ditches draining a series of hillside seeps feed into a roadside ditch on the north side of Oso Loop Road. The banks of all the ditches lack any native woody vegetation, and the location of the roadside ditch on the north side of Oso Loop Road precludes the establishment of woody vegetation on the south side of the channel. The ditches are straight and homogenous in form; there is no woody debris (LWD) in the channels and no trees to provide a future source of LWD. However, the water source is perennial and cool, and the system is close to important salmon spawning grounds in FC and the NFS. Restoration will include relocating the roadside portion of the system north into a remnant channel, placing LWD in the remnant channel and planting native woody vegetation throughout the system. The project will provide rearing habitat for coho, chum, and pink salmon and cutthroat trout, and potential rearing habitat for chinook salmon. Project partners include Snohomish County Surface Water Management, Stillaguamish Clean Water District, Stillaguamish Tribe and CREP. The project builds upon a previous instream rearing habitat restoration project and several past and future riparian restoration projects on the NFS, FC and a small, unmapped tributary.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1629	WA IAC	Cascade Land Conservancy	Pearsons Eddy Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	09-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$367,000.00	Puget Sound

Project Description

The Pearson's Eddy project proposes to acquire the underlying fee interest on 215 acres of agricultural floodplain on the lower Snoqualmie River. This action will leverage federal funds directed towards purchase of less than fee interest and restoration of these properties. This reach has been identified in key watershed reports as a critical corridor for chinook and other salmonids migrating to spawning grounds on the Snoqualmie, and prioritized in the WRIA 7 Near Term Action Agenda as one of the Snohomish's top focus areas for protection and restoration. Principal habitat limiting factors identified include loss of floodplain connectivity and complexity, loss of palustrine wetlands and riparian vegetation, and loss of off-channel habitat. The Pearson's Eddy project would address these factors by restoring hydrologic connectivity and processes, opening significant off-channel rearing habitat, and re-establishing palustrine wetlands. These properties are one part of a large scale conservation effort to acquire and restore a total of 560 acres, including 2 miles on the Snoqualmie. CLC, Ducks Unlimited (DU), and Natural Resource Conservation Service are working together to leverage funding from SRFB, WRP, and NAWCA to achieve this goal. On its own, or as part of the larger effort, this proposal will provide great benefit to 6 species of salmon by restoring floodplain connectivity and natural processes.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1483	WA IAC	South Puget Sound SEG	Perkins Creek Fish Passage	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$100,407.00	Puget Sound

Project Description

SPSSEG has located and evaluated a total anadromous barrier culvert on Perkins Creek. Perkins Creek is located in the McLane Watershed near the west boundary of WRIA 13. Perkins Creek is a multiple salmonid stream system, offering spawning and rearing habitat to chum, coho, winter steelhead and cutthroat trout. SPSSEG proposes to remove an anadromous fish barrier culvert and replace it with a larger structure that will allow unimpeded salmonid migration at all life stages and allow the transport of stream bed material and other allochthonous materials including large woody debris. Upon evaluation using SSHEAR Fish Passage criteria, it has been determined that the culvert is too small and the gradient too steep (6%) to accommodate salmonid migration and other natural geomorphic stream functions. This culvert needs to be addressed promptly due to potential for failure at peak flows. Reestablishing connectivity between the lower and upper watershed is also high priority because of the under-utilized spawning and rearing habitat upstream. This project will assist the landowner with an expensive road maintenance issue and ensure a biologically sound repair.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1612	WA IAC	Yakima County Corrections	Riparian Enhancement Team - Phase 2	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$159,141.00	\$0.00	Yakima

Project Description

The Yakima County Dept. of Corrections (YCDOC) is currently providing tools, transportation and labor for riparian restoration work at priority stream sites and SRFB approved Salmon Recovery projects in Yakima County. Inmate crews provide dependable, low cost labor that is available year round to start, service and maintain projects located on the Yakima River and tributaries. Projects can also be located on the Naches, Cowiche, Wide Hollow, Wenas, Ahtanum Creek and other locations in the county's watershed. This request is to enhance service for those projects and to replace the current Salmon Recovery grant that runs out in April 2003. Project sponsors will need existing sites maintained past the 2003 grant funding cycle's end. Sponsors also have projects that are being planned and applied for in this grant cycle. These future projects are intended to build on the existing projects that this department is already servicing. For example: provide labor to start a local native plant nursery which could supply 30,000 plants a year and expand the ability to plant in the fall; plants now are purchased from Bellevue. Fall planting ability would double the area serviced by crews each year. Inmate crews follow approved restoration plans and the project sponsors monitor all projects. Since 2001 YCDOC has provided 5,395 inmate labor hrs planted 390 plants, 7,382 trees and serviced 238 acres for riparian restoration. Crews have worked on 14 separate sites and have current plans to expand on those sites in the next year.

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Project Ref	Grantee	Subgrantee	Project Name	State
02-1463	WA IAC	Willapa Bay RFEG	Salmon Creek	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	15-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$204,071.00	Lower Columbia

Project Description

The project was selected from Pacific County Salmon Recovery Strategic Plan, project #15. Willapa Bay Fisheries Enhancement Group hired AES to make a more detailed evaluation of Salmon Creek; their report is Ref 12.b.5, which shows low amounts of LWD key pieces. About 6,500 ft has been identified as lacking channel structure and sinuosity. The existing 5900 road was constructed between the stream and an adjacent wetland. The road has disconnected the wetland from the stream channel and the stream has become channelized for approximately 1000 feet. The 5900 road has confined the channel migration zone, which has straightened the channel and increased scour for about 1,500 ft. DNR, who is the landowner downstream of the 5900 road, would like to include about 5,000 ft in the project for LWD placement. This project will abandon the 5900 roads on Campbell Group and DNR property to the horse camp, and will improve the important biological processes of spawning and rearing. Road abandonment by Campbell Group and DNR is not part of the funding request. Improvements will include in-stream habitat features, and re-grading of the channel migration zone to re-connect off-channel habitat. Initial Baseline monitoring has been accomplished, and a three-year monitoring program will be accomplished using an independent contractor, and our monitoring protocol. Partners in this project will be Campbell Group, DNR, Turnersville Horse Group, and the Willapa Bay Fisheries Enhancement Group.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1445	WA IAC	Fish & Wildlife Dept of	Satsop Floodplain Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$250,000.00	Washington Coastal

Project Description

This Satsop River floodplain restoration project consists of approximately 100 ac. of floodplain habitat that is negatively impaired by approximately 5200 linear feet of constructed dike and approximately 2500 linear feet of riprapped riverbank. Since May 2001, the Satsop Committee (WDFW, Corps, Grays Harbor County, and local citizens) has met to develop a project approach to meet the needs of both fish and people. As a result, the committee has worked with the Corps to develop a Channel Migration Study, Preliminary Restoration Plan and has recently been notified of the Corps approval to fund this project under Section 206 Ecosystem Restoration. Throughout the past 1+ years, the Satsop Committee has identified the dike, riprap, ponds, and excessive eroding banks as areas to focus restoration efforts. Beginning Fall 2001 the Corps will begin a study phase that will characterize baseline habitat conditions and identify potential improvements to these conditions through restoration actions. Proposed restoration activities will be analyzed using standard modeling techniques to determine if there are potential adverse affects from the restoration project. Once this phase is complete, the Satsop Committee will decide on a restoration concept and design. The project is scheduled to be constructed the summer of 2004. The implementation of this project will restore floodplain functions and re-establish access to off-channel habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1621	WA IAC	Sequim Prairie Tri-Irrigation	Sequim Prairie Tri-Irrigation Reservoir	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$533,174.00	\$0.00	Puget Sound

Project Description

This project is a Re-regulation Reservoir and pressurized piping system as described on page 30, item 4 (a,b) of the NOPL Project Strategy (V.002) and on pages 6-3 and 6-4 of the Montgomery Water Group Comprehensive Water Conservation Plan. The project will construct a complete water storage and distribution system for 670 acres of farmland in the Port Williams area. The benefits of this project are: a. Enhancement of in-stream flows by decreased withdrawals. b. Increase fish habitat in the Dungeness River below RM 6.0. c. Construct a model for other re-regulation projects that are recommended for the Dungeness River. d. Facilitate the use of low pressure irrigation systems to further improve irrigation efficiency. This restorative project is located in a tier 1 basin and its elements are prioritized as #6 and #10 by the NOPL Project Strategy. In addition, insufficient in-stream flows were identified as a limiting factor for fish production in the Montgomery Plan. This project is estimated to decrease withdrawals from the Dungeness by 3.0cfs during the irrigation season, of April 15 to Sept. 15, and improve habitat for all fish species in the lower 6 miles of the river. This habitat enhancement will be particularly valuable to the Puget Sound chinook, summer chum and bull trout as they are ESA listed as threatened, as well as the summer steelhead and fall pink which are considered critical by the NOPTRG.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1625	WA IAC	Skagit County Dike District #3	SF Skagit Levee Setback Acq. & Rest.	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$902,270.00	Puget Sound

Project Description

Project will complete acquisition & restoration of 37 ac. of mainstem key habitat with deed restrictions for salmon habitat conservation. 20.5 acres located landward of existing levee was diked in the late 1900's and converted to residential and agriculture use. After levee failures in 1894 & 1909, the levee location became est. @ 1932. The area riverward of the existing levee contains off channel and high flow channels with excellent riparian vegetation and also supports an active Bald eagle nest. Approx. 3,700' of the 4,700' of river frontage is natural river bank and sand bar; the rest is modified hardened bank with shrub vegetation. The site is 2 miles downstream of the "forks" of the Skagit River which is commonly understood to be the upper extent of the tidal influence under avg. river flows. Tidal back-water effects are evident at the existing side channels and the upper sand bar which is partially inundated twice daily by tidal activity. The properties will be restored to off channel/wetland and riparian habitat providing multiple benefits to 5 salmon and 2 trout species. 2500' of existing levee will be removed and re-graded to the existing "bank top level" at the top end and the lower end will be graded for off-channel connectivity. 1800' of new levee will be relocated adjacent to the County road @ 700' max. from the river bank at the mid-point and constructed to Army Corps of Engineers specs with a clay keyway inserted at the riverward toe slope of the levee.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1475	WA IAC	Hood Canal SEG	Shine Estuary Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$313,095.00	Puget Sound

Project Description

The entire Shine shoreline/tideland and salt marsh provide 90 acres of pristine, Tier 1 rearing habitat for chum, Chinook, coho salmon, steelhead, and cutthroat trout. Approximately 11 acres of the estuary are mud flats, which are prime feeding grounds for all species of salmon smolts. The Company Ranch Creek, which drains into the Hood Canal at Shine, provides spawning habitat for five natal species of salmonids. The Shine Creek Estuary is an environmental jewel. There is no development around the 77 acres on the west side of South Point Road. It is a travesty that this portion of the estuary and salt marsh has had restricted circulation from tidal flushing since the installation of the two culverts. The estuary is a virtual "stop and shop" cafeteria for Chinook smolts migrating down the shoreline documented by seven years of monitoring by NOSC. It is critical that this habitat is restored to naturally functioning conditions. This project will remove the culverts and construct an opening large enough to allow unrestricted tidal and stream flow to the upper estuary. Replacing these culverts with a bridge both removes a fish passage barrier to the 3300-acre watershed of Shine Creek and restores 77 acres of estuary.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1560	WA IAC	Skokomish Indian Tribe	Skokomish River Nalley Is Levee Removal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$197,600.00	Puget Sound

Project Description

This application represents Phase Two of the Skokomish River Estuary restoration, which will restore natural estuarine functions by removal of agricultural dikes and seawall. This project will focus on the Skokomish River's lower island referred to locally as Nalley Island. This project will act on the recommendations of a 1995 Army Corps of Engineers study that identified removal of agricultural modifications as a priority action to rehabilitate estuarine habitat. This project will also initiate a long-term monitoring study by a review team, made up of biologists and restoration experts from many different agencies that are involved. This team will provide valuable ideas and guidance through their experience and knowledge related to estuary rehabilitation and salmon life history requirements. All Skokomish salmon migrate through the project site. ESA listed chinook, summer chum and bull trout are all found within this area. Studies have shown that chinook and chum juveniles thrive in estuarine habitats. Historical evidence shows that ESA listed summer chum spawning could have extended into a significant portion of the floodplain from the river mouth upstream. This project will also benefit SASSI depressed coho, winter steelhead, fall and winter chum, pinks, sea run cutthroat, and potentially sockeye. Benefits of the project will be permanent.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1589	WA IAC	Cascade Land Conservancy	Smoke Farm North Floodplain Acq & Rest	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	30-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$283,000.00	Puget Sound

Project Description

The Smoke Farm North Floodplain Restoration proposal seeks to acquire remainder fee interest on 125 acres of floodplain in order to promote full restoration of floodplain connectivity and complexity, including a ¼-mile stretch along the North Fork Stillaguamish River. The property supports features critical for maintaining habitat-forming processes, including 50 acres of riparian forest that contribute LWD, a side channel slough, and active beaver dam. The Smoke Farm proposal seeks to address limiting factors of the North Fork. Side-channel sloughs and active beaver ponds, such as those found on Smoke Farm, provide rearing habitat and refugia for juvenile coho and other salmonids. Over 85% of beaver ponds and 31% of side channel sloughs have been eliminated due to diking and filling, and over 90% of historic riparian habitat have been eliminated. This proposal will restore and maintain rearing habitat and refugia, floodplain connectivity and complexity, and historic riparian diversity, critical for maintaining and creating high-quality habitat for chinook, coho, chum, cutthroat, steelhead, and bulltrout. Cascade Land Conservancy will partner with Natural Resource Conservation Service (NRCS), Snohomish County (SC), and the landowners to protect and restore the floodplain. Funding from NRCS will highly leverage SRFB funding by contributing approximately 75% of the fee simple value of the land and the majority of restoration funding.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1623	WA IAC	Snohomish County Public Works	Snohomish R Confluence Reach Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Salmon Habitat Protection and Restoration	\$586,500.00	\$0.00	Puget Sound

Project Description

The proposed project is a reach-scale restoration effort on three miles of the Snohomish River downstream from the confluence of the Skykomish and Snoqualmie rivers. Dikes, bank armoring and clearing of riparian forests have substantially degraded the quantity and quality of habitat along this critical reach. Recognizing the importance of this area to chinook salmon and other salmonids for spawning, rearing holding and migration, the Snohomish Basin Salmon Recovery forum identified it as a "focus area" in the Near Term Action Agenda (SBSRF, 2002). Restoration efforts in this reach are based on a comprehensive reach-scale analysis conducted by Snohomish County. This analysis included data collection on habitat characteristics, detailed survey of channel and floodplain morphology, and two-dimensional hydraulic modeling. Three primary restoration sites were identified and modeled as part of this analysis: A) Twin Rivers floodplain; B) Crabb meander; and C) Bob Heirman Wildlife Park. Restoration at these sites will include riparian planting, bank restoration, large woody debris placement, and reconnection of off-channel areas. We propose a three-phased approach to implementing these restoration project and request funding for the first two phases through this grant. The phases are as follows: Phase I planting, wetland enhancement, riprap removal and LWD placement at two sites. Phase II breach design at two dike sites. Phase III (not part of grant) dike breaching.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1584	WA IAC	Cascade Land Conservancy	South Prairie Creek Habitat Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$425,000.00	\$0.00	Puget Sound

Project Description

South Prairie Creek, the primary tributary to the Carbon River, is the most important salmonid spawning area in the Puyallup watershed, producing nearly half of all the wild steelhead in the Puyallup River system, the only significant run of pink salmon, and important returns of chinook, coho, chum salmon and sea-run cutthroat trout. The high quality habitat along the stream is currently threatened with increasing development pressures from nearby towns and county urbanized areas. Pierce County recently ranked S. Prairie Creek as its #1 priority for habitat protection in the WRIA 10/12 Salmon Habitat Protection and Restoration Strategy. This project proposes the acquisition of priority properties along S. Prairie Creek based on the results of the S. Prairie Creek Action Plan funded in the 3rd Round of SRFB grants in 2001. The SRFB-funded Action Plan identified and ranked the fifteen top priority properties for habitat protection based on a careful evaluation of parcel characteristics and salmon habitat value. Preserving these properties would address the primary fish recovery, habitat protection, and geographic objectives outlined in the WRIA 10/12 salmon recovery strategy. In partnership with Pierce County, Cascade Land Conservancy proposes to acquire up to three of the top fifteen priority properties through fee acquisition or conservation easements.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1540	WA IAC	Columbia Conservation Dist	Touchet River Screens Phase 2	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	05-MAY-03 -	Salmon Habitat Protection and Restoration	\$116,550.00	\$0.00	Middle Columbia

Project Description

Project proposal will provide cost share funding to landowners involved in the Columbia Conservation District's and WDFW's Voluntary Screen Compliance Program. SRFB 3rd Round Phase 1 proposal has identified and obligated the 30 screens funded. Additional screens are currently being identified through this effort, WDFW contacts, WDOE Water Metering Program and WWCC Irrigation Efficiency Program. The District continues to take the lead in Columbia County in recruiting landowner involvement as part of the overall Walla Walla Basin Planning efforts. Regionally, the understanding is that fish barriers, screens are the highest priority for action due to immediate and longterm benefits while addressing "Take" potential. The entire Touchet River Subbasin within Columbia County is identified in WRIA 32 Limiting Factor Analysis, DOE 2514 Watershed Planning and NPPC Subbasin Planning efforts as spawning and rearing reaches for ESA listed steelhead and bull trout. The Scope of this proposal includes assessment of current diversion screen conditions, design of compliant screening condition and flow meter installation to meet compliance conditions. All screening cost share requests must receive WDOE water right verification and meet WDFW, NMFS and USFWS screen design requirements for involvement. This is a critical component of the various planning efforts in Southeast Washington and provides the landowner cost share funding incentive during depressed agriculture economic times.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1544	WA IAC	Columbia Conservation Dist	Tucannon River Screens Phase 2	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	05-MAY-03 -	Salmon Habitat Protection and Restoration	\$116,550.00	\$0.00	Lower Snake

Project Description

Project proposal will provide cost share funding to landowners involved in the Columbia Conservation District's and WDFW's Voluntary Screen Compliance Program. SRFB 3rd Round Phase 1 proposed identified and obligated the 40 screens funded. Additional screens are currently being identified through this effort, WDFW contacts, WDOE Water Metering Program and WWCC Irrigation Efficiency Program. The District is the Columbia County lead, recruiting landowner involvement in watershed and salmon recovery efforts. Regionally, fish barriers and screens are the highest priority for action due to immediate and long term benefits while addressing "Take" potential. The Tucannon River Subbasin is identified in WRIA 35 Limiting Factors Analysis, Tucannon Model Watershed Plan and NPPC Subbasin Planning efforts as spawning and rearing reaches for ESA-listed spring and fall chinook salmon, steelhead and bull trout. Fall chinook are believed to have migrated out of the system prior to irrigation season and are not impacted. The scope of this proposal will include assessment of current screen conditions, design for compliant screen condition, and flow meter and installation for meeting compliance conditions. The program will require WDOE water right verification and meet WDFW, NMFS and USFWS screen design requirements. This is a critical component of the various planning efforts in Southeast Washington and provides the landowner cost share funding incentive during depressed agricultural economic times.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1515	WA IAC	Underwood Conservation Dist	Upper Trout Creek Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	12-MAY-03 -	Salmon Habitat Protection and Restoration	\$161,580.00	\$0.00	Middle Columbia

Project Description

Trout Creek is a major tributary of the Wind River and is vital for the recovery of steelhead within the basin due to the quantity of spawning and rearing habitat it contains. The Trout Creek watershed has historically supported approximately 20% of the entire Wind Rivers run of wild steelhead. Upper Trout Creek and tributaries were logged in 1948. In the 1970's logjams were thought to be migration barriers and were removed eliminating natural water velocity modification, sediment storage and instigated channel incision. The cumulative effects have produced maximum water temperatures >75°F, bank full channel width to depth ratios >60, bank erosion >40%, LWD <40 pieces per mile and stream shade <27% on the main stem Trout Creek. Goals: The goals of the Upper Trout Creek Rehabilitation project are to restore riparian areas and channel stability to recover viable populations of wild steelhead. Objectives: (1) Restore riparian conifers along Upper Trout, Crater, Compass and Layout Creek to eight trees/acre > 31" in diameter (200 years). (2) Increase shade >80% (60 years). (3) Increase bank stability >80% (2 years). (4) Reduce bank full width to depth ratios <25 (2 years). (5) Increase in-stream large woody debris >100 pieces/river mile (1 year). Project Actions: Riparian areas will be thinned and under planted with native conifers. The thinned trees will be used to construct bank revetments, barbs and placed on exposed gravel bars, flood plains and eroding banks with a tracked excavator.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1572	WA IAC	Pacific Conservation District	Upper Willapa River Riparian Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$78,750.00	\$0.00	Washington Coastal

Project Description

The Upper Willapa River, TMDL Study; Data Summary Report, 1998 Washington State 303 (d), and the "August 1999 Salmon and Steelhead Limiting Factors on the Willapa Basin" cited the Willapa River for exceeding state water quality standards for temperature, dissolved oxygen, and fecal coliform. The upper Willapa mainstem serves as spawning habitat for chinook, chum, coho, and steelhead. The following approved NRCS practices will be implemented through this grant application, Livestock Watering facilities (Code 420) will be implemented to exclude livestock from entering the stream. This practice prevents livestock from entering the stream for water and depositing feces and urine into the system. Livestock crossings (Code 410) will be implemented to allow landowners to rotate livestock between pastures over time. Implementation of the following practices through the DOE, Centennial Clean Water Fund; Channel vegetation (Code 322). This practice provides re-vegetation to the riparian zone. Fencing (Code 382) and use exclusion (Code 472) includes permanent barbed wire and electric fences and temporary high tensile electric fences. Fencing will prevent livestock from directly depositing feces and urine in stream water and excludes livestock from the riparian zone. This practice prevents trampling of the streambank by livestock thereby preventing soil erosion. This grant application in conjunction with the already acquired DOE grant will dramatically improve water quality within this region.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1616	WA IAC	Seattle City Light	Vandersar Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$170,000.00	\$0.00	Puget Sound

Project Description

The Project will take place on the Vandersar property, a 130-acre parcel located on the middle Skagit River east of Sedro Woolley. Seattle City Light will be acquiring this property through fee-simple purchase. The property is located on Ross Island Slough, one of the largest and highest quality off-channel habitat areas on the middle Skagit River. The slough complex includes a 7 mile long side channel, a number of smaller sloughs, and several major tributaries. Most of the Ross Island Slough habitat area is in natural condition, and is protected from future development through conservation ownership by the USFS, WDFS, & Seattle City Light. This area provides important spawning and rearing habitat to chinook, coho and steelhead, and foraging habitat for bull trout. The project addresses three major habitat problems: 1) a narrow and disturbed riparian corridor along Ross Island Slough; 2) disruption of natural processes in Anderson Creek by flood control actions and an inadequate riparian corridor; and 3) the isolation of a major slough located on this property by two farm road crossings. Key project elements include the removal of exotic vegetation and restoration of native riparian habitat along Ross Island Slough (7.6 acres) and Anderson Creek (12.4 acres). Riparian and wetland vegetation (9.4 acres) will also be restored along the isolated slough. The existing road crossings on the slough will be replaced with bridges. This will restore access to a 6-acre oxbow slough.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1543	WA IAC	Walla Walla Co Cons Dist	Walla Walla Urban Fish Screens & Meters	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Salmon Habitat Protection and Restoration	\$318,646.00	\$0.00	Middle Columbia

Project Description

This project will install fish screens and meters on 100 small urban irrigation pump diversions of fish bearing streams and ditches in and around the cities of Walla Walla and College Place, Wa. Fish screen installation is part of the Early Action Program (EAP) which was agreed to by the USFWS and NMFS in exchange for a reprieve from regulatory actions in the Walla Walla Basin by those agencies. Entrainment in irrigation withdrawals is a source of mortality for juvenile salmonids rearing in the streams and ditches that supply Mill Creek water to the numerous small irrigators in the two urban areas. With screening the potential for a measurable increase in steelhead productivity in this area is high. WWCCD has installed 80 screens in this area and this project will complete the screening of essentially all diversions within the project area. Low flows in the Walla Walla River between the state line and Mill Creek confluence has resulted in conditions that block access to spawning areas by adult steelhead and reintroduced spring chinook salmon. Low flow conditions also eliminate this reach as rearing habitat for salmonids. This project will install meters on pump diversions which will allow the irrigator to voluntarily comply with their water right. The effect will be an increase in the discharge of Yellowhawk Creek and Garrison Creek into this critical reach of the Walla Walla River.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1535	WA IAC		Weyco Mashel Shoreline Acquisition	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-OCT-03 -	Salmon Habitat Protection and Restoration	\$775,850.00	\$0.00	Puget Sound

Project Description

The Weyerhaeuser Company owns 65 acres of timberland with old growth values along the right bank of the Mashel River from RM 2.2 to 3.2, immediately downstream of the Highway 7 bridge. The Mashel at this site contains excellent salmon spawning and rearing habitat, currently utilized by Chinook, pink, coho and steelhead. This land is proposed for inclusion in the Nisqually Mashel State Park; however, Weyerhaeuser and state parks cannot agree on the value of the timber. After acquisition the land will be transferred to state parks; however, prior to that transfer the applicant will insure that all salmonid habitat values, including in particular the timbered stream corridor, will be permanently protected.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1447	WA IAC	Chehalis Basin FTF	Wynoochee #4 Barrier Correction	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	19-JUL-04 -	Salmon Habitat Protection and Restoration	\$235,950.00	\$0.00	Washington Coastal

Project Description

This project addresses one of two culvert barriers proposed for replacement on the lower east bank of the Wynoochee River. This stream has over 3 miles of fish habitat above the culvert barrier and flows into the Wynoochee River 400 feet below the barrier. Coho salmon and cutthroat trout were observed below the barrier and none above. The existing culvert is a 4 ft. diameter corrugated steel pipe 121 ft long, deteriorated at the outfall with an elevated drop of 18 inches. It has a slope of 1.76% and no streambed materials within the pipe. The proposed replacement for this culvert is a 15 ft. diameter round pipe. The round pipe is required because of the large amount of fill (27 ft.) from the road surface to the top of the new pipe. This is a large amount of fill, but the need to open up tributary streams in the Lower Wynoochee is critical. There are over 190 culverts along the Wynoochee Valley Road, at least 29 of which are known barriers. It is critical for juvenile salmonids to be able to access the side streams during high peak flows if survival and recovery is to be achieved. The stream has good habitat and cover with mixed coniferous and deciduous trees. LWD is plentiful. There is about 1/2 mile of excellent spawning area above the barrier and the remainder is excellent juvenile rearing, a good combination for fish production. The upper portion of the watershed has been logged and is in recovery. With the new TFW laws this stream should remain protected.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1329	WA IAC	Lummi Indian Nation, Whatcom Land Trust	Acme/Saxon Ph 1 Instream Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Salmon Habitat Protection and Restoration	\$449,029.00	\$0.00	Puget Sound

Project Description

This proposal is for instream project concepts in part by data collected during the Saxon-Acme Reach Restoration Assessment (SRFB 2nd Rd. 2000). Treatments will include fish passage improvements, bank hardening modifications and small-scale LWD placements. Specific treatments will be based on prescriptions developed from extensive hydrologic, geomorphic and biological assessment data that is currently being analyzed. Following data analysis and project siting, the Acme-Saxon Working Group, a committee of the Tribes, WDFW, Whatcom County, the Acme flood advisory committee, and reach landowners with local community input, will prioritize treatments. This reach has historically been a critical spawning, transportation and rearing area for a variety of salmonid species, and currently constitutes a heavily used reach for spawning Endangered chinook in the south fork. Project implementation will enhance adult spawning and restore juvenile rearing habitats identified as limiting habitat factor to chinook salmon, native char and other salmonid species. Project design and permitting will be completed in 2002, with construction completed in summer 2003. This proposal is designed as a stand-alone project, but may also provide valuable match for the ACOE Section 206 restoration project for the reach. Riparian restoration components of the reach restoration prescriptions are underway and will be further implemented by a riparian SFRB project proposed by Nooksack Natural Resources.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1238	WA IAC	North Yakima Conservation Dist	Ahtanum Creek Fish Screens	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Salmon Habitat Protection and Restoration	\$129,270.00	\$0.00	Yakima

Project Description

The North Yakima Conservation District (NYCD), with support from the Department of Fish and Wildlife (WDFW) Yakima Screen Shop(YSS), proposes to design, fabricate and install fish screens on eight unscreened diversions on upper Ahtanum Creek. These upper most diversions pose the greatest threat to anadromous and resident fish in Ahtanum Creek. Screening of these eight diversions will allow fish to safely access approximately 10 miles of upper Ahtanum Creek habitat. Unscreened diversions will be treated with screens appropriate for their size and location, i.e. modular paddle wheel driven drum screens, modular rotary plate screens, or pump intake screens. Head gates and grade control structures will be engineered and installed on two of the larger diversions. Three of the sites (Herke) will be consolidated into one point of diversion. NYCD will solicit Herke and Lesh ditch irrigators participation in and on farm water efficiency program which would pipe the respective irrigation ditches, consolidate diversions, and leave conveyance losses in the creek to aid in-stream flows. Ahtanum Creek lies partially within the Yakima Nation, and it currently supports steelhead, bull trout, chinook and coho salmon, making it high priority stream for fish passage improvements.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1233	WA IAC	Asotin Co Conservation Dist	Asotin Creek Six-Year Seed Program	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	22-APR-02 -	Salmon Habitat Protection and Restoration	\$136,225.00	\$0.00	Lower Snake

Project Description

Asotin Creek, home to ESA-listed steelhead, bull trout, and chinook, is an important Snake River tributary for salmonid production. Current WDFW management policy recognizes it as "reserve for wild steelhead." This program is directed at reducing erosion on 935 acres of cropland located above prime spawning and rearing habitat. Erosion, a documented factor limiting salmonid production, can be reduced by continuing to implement a six-year program in prioritized upland areas. This project will reduce sediment and improve identified spawning and rearing habitat, resulting in increased survival for all freshwater salmonid life stages. Specifically, we are looking at reducing sedimentation by 93% on continuous cropped areas. Average erosion rates are four tons/ac/yr in Asotin County. Direct seeding could reduce erosion from 22,440 tons on 935 acres to just 1,571 tons over the six-year program. Participants are also enrolled in other projects to reduce erosion and cumulative benefits of terraces, pasture/hay land planting and sediment basins, and a large portion of farm ground enrolled in the Conservation Reserve Enhancement Program, would improve water quality immediately above prioritized spawning and rearing habitat. This is a 27% cost-share from funding source. With high level of private ownership, this project will show cost benefits with results including larger acreage enrolled without program support. Local documents identify direct seeding as a priority for ESA species.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1256	WA IAC	South Central WA RC&D	Cowiche Creek Barrier Removal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$81,000.00	\$0.00	Yakima

Project Description

The South Central Washington Resource Conservation and Development (RC &D), with the support from the Washington Department of Fish and Wildlife (WDFW), proposes to remove fish barriers associated with two irrigation diversions on Cowiche Creek. This proposal is part of a larger project that will reduce or eliminate the need to divert waters from th Cowiche Creek, which will allow the removal of these two barriers and one more upstream barrier (the upstream diversion is part of another grant proposal). Grade control structures will be engineered and installed in conjunction with the barrier removal to stabilize the streambed. No other unnatural barriers are known at this time. Therefore removing these two diversions, along with one upstream diversion, will allow anadromous access into the upper South Fork Cowiche watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1272	WA IAC	Poulsbo City of	Dogfish Creek Estuary Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$450,439.00	Puget Sound

Project Description

This project will restore 1,200' of estuarine shoreline and 13 acres of adjacent upland habitat along Dogfish Creek estuary. The project is located on Liberty Bay on the west side of central Puget Sound. This project is contiguous to a major 2nd Round SRFB project: removal of a culvert/construction of a bridge to restore over 4 acres of estuarine habitat. This shoreline/estuary complex is listed as critical habitat by NMFS for the recovery of Puget Sound chinook salmon and is a designated shoreline conservancy area by Poulsbo zoning. Dogfish Creek has important runs of chinook, coho, chum, steelhead salmon and searun cutthroat trout. This project is an integral component of the City Parks Department's future Salmon Park and planned Poulsbo Environmental Learning Center. The project will restore native conifers and complex habitat structure to the shoreline. The land will be designated as passive open space and set aside for habitat restoration. The public will access the property through designated trails to learn about habitat restoration, the ecological interaction between the terrestrial and aquatic (freshwater and estuarine) environments, and observe fish and wildlife.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1427	WA IAC	Methow Salmon Recovery Found	Early Winters Creek Dike Removal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$216,041.00	\$0.00	Upper Columbia

Project Description

This project will remove a dike to restore proper floodplain function and will re-establish habitat forming processes to three side channels. Acquisition of two parcels will be required for this activity. The project will include re-grading to form stable banks utilizing the materials from the dike removal as needed. The side channel, will be enhanced, by creating step-pool morphology for improved fish refusia habitat. Restoring the channel complexity and the alluvial fan function will increase and improve the condition of existing spawning and rearing habitat by increasing instream flow and reducing sediment inputs to Methow. The existing main channel will remain undisturbed. Fencing will be installed along a setback to ensure protection of the improvements. All disturbed areas will be re-vegetated with native plants. This project addresses the priorities noted in the Methow Limiting Factors Analysis; this includes providing ecosystem-oriented benefits. It is also consistent with the recovery strategy priorities established by the RTT for the region. The completion of these components leverages restoration efforts to Early Winters Creek over the last few years and completes all restoration activities for this tributary stream.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1431	WA IAC	North Olympic Salmon Coalition	East Fork Chimacum Extension	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$53,800.00	Puget Sound

Project Description

This project will reconfigure approx. 1300 ft of low gradient channelized stream across three parcels of agricultural and commercial lands. Reconfiguration will increase channel length, complexity and provide wider floodplain margins. Excavation of the ditched channel creates pool habitat & a floodplain bench above the existing confined channel but below the level of the adjacent upland allowing flood waters to stay in the widened channel, reducing channel overflow & slowing velocity for improved rearing and overwinter habitat for coho, cutthroat & steelhead. Anchored logs will provide LWD, a significantly missing factor in this watershed. Native plantings will create stream buffer to enhance habitat diversity, restore shade cover and reestablish forested riparian conditions between 150 and 180 ft on each side. The stream provides access to spawning and rearing habitat for coho, steelhead, and cutthroat. Losses of channel complexity, LWD, floodplain capacity and riparian shade are factors for decline of ESA threatened Hood Canal/ Strait of Juan de Fuca summer chum in this stream. The project is expected to increase dissolved oxygen and rearing habitat for juvenile salmonids. The project is adjacent to a previously restored channel & is part of a 4 yr. plan to improve habitat in over 2 miles of ditched stream. LWD such as root wads and anchored logs to deflect current and create back eddies will help the channel establish a more natural flow dynamic and provide better habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1235	WA IAC	Capitol Land Trust	Eld Inlet/McClane Creek Habitat A & R	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-APR-02 -	Salmon Habitat Protection and Restoration	\$224,701.00	\$0.00	Puget Sound

Project Description

Puget Sound's remaining intact marine nearshore, estuarine, saltmarsh, mudflat, and off channel habitats are crucial for salmon recovery and survival because they directly support various salmon life stages. Yet these remaining high quality habitats are rapidly disappearing, their beneficial functions displaced by development and South Puget sound is no exception to this trend. This project directly addresses this problem and benefits Eld Inlet/McClane Creek salmon in Southern Puget Sound's WRIA 13. It will protect in perpetuity (through fee-simple and conservation easement) a highly functional marine nearshore, estuarine, and saltmarsh wetland complex and enhances the riparian zone and upland of an adjacent perennial stream to improve fish access to off-channel rearing habitat. The protected and restored habitat will support all adult and juvenile life history stages for chum, coho, sea-run cutthroat, and steelhead salmon, providing an undisturbed site for resting, protection from predators, salinity transition, and feeding. Protection also ensures continued functionality of the sites's natural seeps and springs that ensure a consistent freshwater input to the system. Through this project, over 2000 feet of marine shoreline and 25 acres of upland habitat will be immediately protected in perpetuity, complementing adjacent protected marine shorelines and mudflats and ensuring 2.7 miles of contiguous protected marine shoreline. There is immediate threat that the property targeted by this project will be developed***

Project Ref	Grantee	Subgrantee	Project Name	State
01-1213	WA IAC	Chelan/Douglas Land Trust	Entiat River Habitat Acquisition - 2	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$266,417.00	\$0.00	Upper Columbia

Project Description

The Chelan-Douglas Land Trust (CDLT) seeks to acquire and permanently protect nearly one mile of the most important salmonid spawning and rearing habitat on the Entiat River. This project builds on and enhances the nearly \$1.5 million acquisition project the CDLT did on the Entiat last year. This project protects key spawning areas and rearing habitat for endangered spring chinook, endangered steelhead, threatened bull trout, and summer chinook. The project also protects the flood plain and channel migration zone of the river. In particular this project focuses on the important first two miles of the "Stillwaters" reach that are known to be important spawning areas. Secondly the project helps to block up a large area of very pristine habitat in the central reach of the "Stillwaters". The acquisition and protection of this highly functioning habitat on the Entiat River supports and enhances the habitat restoration efforts of many other groups including the Entiat Planning Unit, Chelan County Watershed Program, WDOE, BLM, WDFW, USFS, USFWS, NMFS, Trout Unlimited, the Yakama Nation, and the NRCS.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1305	WA IAC	Chelan Co Conservation Dist	Final Phase Chumstick Culvert Replace.	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$273,100.00	\$0.00	Upper Columbia

Project Description

Chumstick Creek is a 3rd order stream, which drains a 78 square mile sub basin of the Wenatchee River watershed. In 1994, Chumstick Creek was ranked second to Mission Creek as contributing to current and future potential water quality degradation in the Wenatchee River watershed (Hinds, 1994). The stream once supported healthy populations of Chinook, steelhead and possibly bull trout, however access to Chumstick Creek is now limited due to 23 culverts that are migrational barriers particularly at low flows (Bugert and Bambrick, 1996). The 1995-1996 floods and the high water run off of 1997 affected several of these sites. The overall goal of this project is to enhance and improve salmonid migration throughout the Chumstick drainage. In addition to replacing the 10 identified culverts the sites will be enhanced by improving in-stream habitat and riparian vegetation. Two other projects are presently being implemented within the watershed. They are a point source pollution project, funded by Washington Department of Ecology and the replacement of eight culverts, funded (in part) by the Bonneville Power Administration. A third project is on hold, but would replace a partial barrier culvert on North Road. With the completion of all three projects, the health of the watershed will be improved dramatically. The monitoring parameters will include water quality; cross section; sediment; habitat; and photo points.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1358	WA IAC	Skagit Conservation Dist	Finney Roads Ph II Sediment Reduction	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$300,000.00	\$0.00	Puget Sound

Project Description

Skagit CD is partnering with USFS on an erosion reduction project to reduce the risk of road failures, erosion and their negative effects to Finney Creek, Cumberland Creek and the Skagit River. Finney Creek, once a WDFW index stream for Chinook, has 11.5 miles of anadromous fish habitat and 11 miles of resident fish habitat. Cumberland Creek has one mile of anadromous and 4.4 miles of resident habitat. Sediment from Finney Creek has negatively affected the water quality of Skagit River since the mid-1980s downstream of RM 47.5. Finney Creek currently is an impaired water body for elevated temperature. This project consists of culvert replacement, ditching and fill stabilization. The roadwork was first identified in 1992 during a road deficiency survey and again in 1995 following storm activity. Road prioritization is based on high-risk ratings and inventoried drainage deficiencies. This proposal is the last in a series of projects that addresses 23 miles of road segments by completing treatment of high-risk road segments and drainage deficiencies for the upper 60% of the watershed. Expected results: Water quality will improve and the risk of landslides/sediment delivery will be incrementally reduced. The primary limiting factor targeted is to increase the egg to fry survival rate by reducing the sedimentation of spawning redds for Chinook, Coho, Steelhead and Dolly Varden.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1232	WA IAC	Skagit Conservation Dist	Goodman Road Erosion Control	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$90,000.00	\$0.00	Puget Sound

Project Description

Skagit CD is partnering with the USFS on upgrading the Goodman Road system - #2081 (MP 0.0-3.5) and #2080 (MP 0.0-1.0). This project is designed to reduce the risk of road failure, erosion, sediment production and their negative effects to the Sauk River and Dutch Creek. Dutch Creek is estimated to have 0.55 miles (884 m) of anadromous fish habitat and directly affects RM 29.7-33.1 of anadromous fish habitat of the Sauk River downstream to Goodman Creek. The project consists of culvert replacement, ditching and fill stabilization. This roadwork was first identified in 1996 during a road deficiency survey and again in 1999 following storm activity. The treatment of both roads is the last roadwork to complete along the south side of this Sauk River reach and the Dutch Creek drainage. The upper portions of the road system and its spur roads have been treated between 1996-1998. Road 2079 was treated in 1997 with the bridge over Dutch Creek removed in 1999. A companion project, a downstream fish passage project located on the Mt. Loop Highway is currently in the design phase and is scheduled for replacement in 2002. This project will reconnect the 0.55 miles of isolated Coho and Steelhead habitat. Expected results: Water quality will improve and the risk of landslides/sediment delivery will be reduced. The project targets the limiting factor of egg to fry survival due to the clogging of spawning gravels for native Chinook, Coho, Steelhead and Dolly Varden.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1247	WA IAC	South Puget Sound SEG	Gosnell Creek Culvert & Riparian Restora	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$112,726.00	\$0.00	Puget Sound

Project Description

Gosnell Creek (WRIA 14.0031) is a 5 km tributary within a unique salmon watershed. Coho, chum, rainbow, and cutthroat migrate up Mill Creek, through Lake Isabella, and into the spring fed waters of Gosnell Creek. Gosnell Creek flows from the Mud Lakes, east across the Isabella Valley, into Lake Isabella. Lake Isabella is approximately 200-acres including wetlands at the outlet of Gosnell Creek and wetlands at the headwaters of Mill Creek. From Lake Isabella, Mill Creek flows for approximately 14 km into Hammersley Inlet. Land-use along Gosnell Creek is primarily residential, agricultural, and commercial timberlands. The project site is located on the main-stem of a diverse salmon species watershed. Approximately 1.5km upstream of Gosnell Creek are two side-by-side culverts that were measured to be fish passage barriers using WDFW criteria. SPSSEG proposes to replace the barrier culverts with a Big "R" Bridge that provides passage to all salmonid life stages and allows for natural streambed migration. To reduce maintenance costs, the bridge will be covered with Wasser Paint Technologies. The project partners include the Mason Conservation District, Squaxin Island Tribe, WDFW, and local landowners.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1231	WA IAC	Willapa Bay RFEG	Green Creek	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	16-APR-02 -	Salmon Habitat Protection and Restoration	\$177,010.00	\$0.00	Washington Coastal

Project Description

This project will correct two blocking culverts and make associated in-stream improvements related to the culvert blockages and stream conditions. Completed project will again allow access to the important biological process of spawning and rearing. These two culverts are blocking about 3.1 miles of spawning and rearing habitat. Also, this project will enhance about another 850 feet of stream below the culverts. 46% of the biological important habitat opened will be spawning and 54% will be rearing. These culverts were identified in the Upper Willapa Watershed Analysis and the WRIA 24 "Limiting Factors" as priority candidates. Green Creek is located in the upper North Willapa River watershed and supports Coho, Chinook, Steelhead, Chum, and Cutthroat Trout. After an evaluation by a field survey conducted by two professionals, a certified Fisheries Biologist, and Civil engineer specializing in water facilities, from Pocket Water Inc. reference 12b.h, the culverts were determined to be blocking using the criteria from the 2000, Fish Passage Barrier Assessment and Prioritization Manual. The specific priority index is discussed in section 8c. Green Creek Road culvert has a priority index of 23; BPA culvert has a priority index of 13. There will also be in-stream improvements made for gravel enhancement and recruitment of the stream. Pacific County, BPA, are partners in this project with sponsor.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1291	WA IAC	Nisqually R Basin Land Trust	Green Crow Shoreline Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	31-MAY-02 - 13-MAY-03	Salmon Habitat Protection and Restoration	\$170,691.00	\$0.00	Puget Sound

Project Description

The Green Crow shoreline purchase will permanently protect a section of the mainstream Nisqually River (WRIA 11) by acquiring in fee approximately 52 acres, with approximately 2500 feet of river frontage. These two parcels, one 32 acres and one 20 acres, are adjacent to 73 acres of Land Trust ownership, and acquiring them will expand this block of permanently protected habitat. Both parcels are undeveloped and have excellent shoreline habitat values. The larger parcel contains 26 acres of forested upland, including 16 acres of merchantable timber. The 20-acre parcel is in the floodplain, although it also contains some large timber. If purchased the land will remain undeveloped in perpetuity; this will facilitate improvement of natural salmon production of the mainstem Nisqually. A major element of Nisqually salmon recovery is permanent protection of the mainstem Nisqually shoreline and riparian habitat. Acquisition of this critical habitat is well underway, with over 65% of these shoreline miles permanently protected. Acquiring these two shoreline parcels is an important step in furthering this implementation. This acquisition will benefit all six salmonids present, especially Chinook salmon and steelhead, both species that depend on the mainstem for spawning and rearing. The Applicant will hold title to the land and provide long-term stewardship and land management. The project is supported by the Nisqually River Council and the Nisqually Indian Tribe.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1341	WA IAC	Skagit County of	Hart Slough Easements	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$501,000.00	\$0.00	Puget Sound

Project Description

Hart Slough easements will permanently protect, via conservation easements, 474 acres of riparian and river slough habitat and associated wetlands between Hart Slough and the Skagit River. Located west of the City of Sedro Woolley, the property is within the targeted floodplain reaches for coho salmon as outlined in the Skagit Watershed Council's Strategic Approach. The site contains critical off-channel rearing habitat for coho, chinook, and cutthroat. Currently, approximately 254 acres exist in riparian and slough/wetland habitat. Landowners have agreed to convert at least 100 acres of existing agricultural land, which includes relic channels or swales, into riparian habitat, for a total of 354 acres. The remaining 120 acres of farmland will continue in agricultural production, subject to recommendations of the Hart Slough restoration feasibility study (SRFB 99-1645); no SRFB funds will be used to protect farmland. Protection of this large, visible property will increase the likelihood that other landowners will volunteer to protect salmon habitat. Additionally, the project will increase support and awareness within the agricultural community for salmon protection. Both landowners are over 65 years old and in uncertain financial condition. They have received inquiries about selling their property to developers. Selective timber harvesting could also impact the existing riparian forest. Delays in funding the protection of this property may result in the sale of the property to less conservation-minded owners.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1430	WA IAC	Stillaguamish Indian Tribe	Higgins Creek Instream	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$150,000.00	\$0.00	Puget Sound

Project Description

The Stillaguamish Tribe is partnering with the US Forest Service to strategically place large woody debris in and along a 1.5 mile reach of Higgins Creek, a tributary to Deer Creek in the North Fork Stillaguamish. The project will utilize 300-400 pieces of wood in 30-40 sites to reinforce and resemble natural accumulations of debris. Both the stream channel and riparian area adjacent to this reach lacks large diameter trees for LWD recruitment due to past timber harvest and channel clean-out. Logs will be placed by helicopter in, or along, the channel to enhance wood recruitment and point bar formation. This project focuses on high summer temperatures and loss of pools (holding/rearing) for Bull Trout/Dolly Varden and high summer temperatures and degradation of spawning and rearing habitat for steelhead. Through basin wide assessments of the Higgins Creek sub-basin, 4.6 miles of anadromous habitat has been identified as refugia, where habitat recovery can be accomplished within a fairly short time period (Stilly Watershed Reach Assessment-SIRC, Collins et al 1995). The net effect will be a reduction instream temperature and improved fish habitat. Bull trout, steelhead and coho utilize Higgins Creek, while chinook, pink, chum, and sea run cutthroat trout utilize lower Deer Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1227	WA IAC	Willapa Bay RFEQ	Honey Creek	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	16-APR-02 -	Salmon Habitat Protection and Restoration	\$95,295.00	\$0.00	Washington Coastal

Project Description

This project will replace a salmon blocking 70 inch wood culvert in Pacific County (WRIA 24) Naselle Subwatershed under Salmon Creek Road. The project will open approximately 1.1 miles of important biological processes of spawning and rearing; 4453 square meters of spawning habitat and 9041 square meters of rearing habitat. Chum, coho, Chinook, steelhead, and cutthroat will utilize Honey Creek. The existing culvert is a total barrier to the upward migration of anadromous fish species as well as the movement of resident fish within the stream system. The PI for this culvert is 28.18, which was determined after an assessment by Applied Environmental Services, Inc. ref 12.b.h. At present, the tongue-in-groove hand-made culvert is sagging under Salmon Creek Road and is likely to fail in the near future. The downstream culvert opening is "hung" approximately 0.8 feet creating a hydraulic jump into the pipe that prevents fish passage. This also contributes to sedimentation in Salmon Creek, which is identified in the Naselle Assessment report. Velocity, water depth, sedimentation issues will be rectified by this project. The age of the pipe is also significant. Fish blockage for many years has been in place on Honey Creek and the habitat is unused. Removal of this blockage will allow reintroduction of anadromous species in Honey Creek. This project was recommended by Region 6, (ref. 12b.g) Regional biologist, which rated it as the highest priority in the Naselle.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1428	WA IAC	Hood Canal SEG	Identify/Restore Limiting Spawn/Rearing	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$180,000.00	Puget Sound

Project Description

Fine sediment, lack of LWD, riparian damage, etc., have been identified as limiting factors of many Hood Canal streams. HCSEG habitat data indicates that each stream has habitat characteristics varying throughout these stream systems. Community members have expressed interest in restoring habitat on their land. This project will identify reaches within the system where habitat is limited and complete projects in these areas of limiting habitat. The HCSEG in cooperation with the DNR has completed a habitat inventory on the Union, Mission, Tahuya, Rendsland, and Dewatto systems. The systems are habitat for summer and fall chum, chinook, coho, and steelhead. The protocols implemented by the HCSEG were established by the DNR on Hoh River tributaries measuring LWD abundance and characteristics, pool surface area and depth. The LWD data from all reaches of the systems has been used to identify stream segments lacking LWD. These segments will be studied to assess potential for LWD retention. All stream systems will be considered for projects, however, the projects will only occur in areas most beneficial to salmon that have the most support from communities and landowners. In addition to the baseline monitoring already completed, gravel information will be acquired using the TFW gravel sampling protocol. Because LWD is known to improve gravel quality, it is an important factor to monitor for this project. It will also establish information to identify fine sediment distribution within the systems.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1308	WA IAC	Stillaguamish Indian Tribe	Jorgenson Slough & Rock Creek Barriers	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Salmon Habitat Protection and Restoration	\$365,496.00	\$0.00	Puget Sound

Project Description
<p>The project goal at two sites will be restoration of durable and efficient fish passage while accommodating natural channel hydraulics and conditions. The projects are culvert replacement at Jorgensen Slough (Church Ck) on Woodland Rd. in Stanwood and culvert modification at Rock Creek on the Grandview Rd., NE of Arlington. The Jorgensen Slough project will restore 16,237 linear meters of habitat (virtually 100% of the stream) and the Rock Creek project 5,158 linear meters (about 75%). The proportion of spawning habitat (20-38%) to rearing habitat (51-81%) upstream of these culverts is excellent for good production through all life stages of the target species. Recovery of this extensive high quality existing habitat now is important for the immediate multiple species benefit while longer-term upslope improvements and estuarine/delta habitat recovery measures are being implemented. Additionally, the relative stability of these watersheds with the abundance of rearing area will help to provide the needed conditions to buffer these populations from the damaging winter scour and summer low flow stranding seen elsewhere in the Basin. Both projects will be designed according to WDFW standards described in their Fish Passage Design At Road Culverts Manual enabling them to meet statute fish passage requirements, required for all permits. The priority Indices are 67.64 and 32.63 respectively. Target species include bull trout, chum, coho, cutthroat, steelhead, and pink (Jorgensen Slough only).</p>

Project Ref	Grantee	Subgrantee	Project Name	State
01-1333	WA IAC	Pierce Co Public Works	June Creek Culvert Replaceemt	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Salmon Habitat Protection and Restoration	\$158,000.00	\$0.00	Puget Sound

Project Description
<p>An existing culvert near Mt. Rainier National Park blocks salmonid migration. The culvert channels June Creek underneath Fairfax Forest Reserve Road near the Carbon River entrance to Mt. Rainier National Park and flows into the Carbon River (Puyallup Watershed, WRIA 10). Pierce Conservation District's comprehensive inventory of road-stream crossings identified this culvert as a barrier to salmonid migration. The pristine habitat upstream of this pipe, approximately 1 kilometer of creek length, is within Mt. Rainier National Park and is protected from human development. Experts describe June Creek as having potential to be highly productive aquatic habitat for Chinook, Coho, bull trout, cutthroat, and steelhead. WDFW are habitat biologist identified the culvert as a high priority for replacement to allow salmonids access to needed off-channel tributary habitat in the upper Carbon River. This project will replace the existing steel elliptical culvert with an open bottom, concrete box culvert that will allow salmonid passage. The new culvert will be implemented following the design criteria outlined in the "WDFW Passage Design at Road Culverts Manual". Salmonids will then have access to newly available spawning and rearing habitat within the Puyallup Watershed. Project partners include the Pierce Conservation District, WDFW and the Puyallup Tribe of Indians. Pierce County will monitor the project to ensure the culvert functions properly and the Puyallup Tribe of Indians will conduct spawner surveys after installation to document stream usage.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1220	WA IAC	Clark County Public Works, Lower Columbia	Larson Creek Fish Passage Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-NOV-02 -	Salmon Habitat Protection and Restoration	\$61,500.00	\$0.00	Lower Columbia

Project Description

The Larson Creek Fish Passage project is intended to restore fish passage to a beaver pond/wetland/stream complex that is currently in-accessible due to a perched culvert and an aggraded stream channel. The stream feeding into the complex is very small and is primarily fed by springs that keep the flows very cold in summer and keep winter flows moderate. This temperature regime lends itself very well to create excellent rearing conditions for juvenile salmonids. The culvert crossing Stauffer road is perched 2.5' and is located just 45' from the confluence with the Little Washougal River. In fact, when the County survey crew was taking measurements in November 1999, they noted juvenile salmon trying to leap into the culvert in a vain attempt to get out of the flooding Little Washougal River. This project is a continuation of a fish passage project done in 1999 further upstream, on private property. That project removed a culvert and replaced it with a bridge. We also built 8 step-pools and added spawning gravel. Partners included BPA, CWWL, LCFEG, and CCPW. We have been seeking funding since then to complete the rest of the project. This project is intended to benefit juvenile salmon of all species by creating access to ideal off-channel winter and summer rearing habitat. Adult Coho and winter Steelhead will likely use the limited spawning habitat in the system, and sea-run/resident Cutthroat trout will definitely benefit from gaining access to good spawning habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1336	WA IAC	Lakewood City of, University Place City of	Leach Creek Culvert Replacement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	29-APR-02 -	Salmon Habitat Protection and Restoration	\$818,000.00	\$0.00	Puget Sound

Project Description

The cities of University Place and Lakewood propose to design and construct a fish friendly replacement of the Leach Creek culvert under Bridgeport Way. The project includes survey, design, permitting, and construction and traffic control. The project will begin design in the spring of 2002 with construction in the summer of 2003. Leach Creek, a tributary of Chambers Creek, runs through a 60-inch culvert under Bridgeport Way (Exhibit A). According to a fishway inspection report prepared by the Washington State Department of Fish and Wildlife (WDFW) (Exhibit B) this culvert is undersized and needs to be replaced with a structure that fits the stream width. Specifically, water velocity through the culvert is a barrier to migration for chum, coho, steelhead, and cutthroat. According to a survey performed by WDFW (Exhibit C) removing this barrier will re-open 12,248.51 M2 of rearing habitat and 3,642.95 M2 of spawning habitat. The WDFW describes this area as large and "quite healthy". The creek is primarily spring water with little variation in temperature or depth. Most of the creek is relatively well shaded and there are no additional barriers. The stream gradient remains below 2% for 2.68 miles above the culvert making the habitat available to all species. The majority of the habitat area is designated as wetlands, wetland buffers, and/or fish and wildlife habitat areas, which will provide habitat protection. The WDFW provided a high priority index of 26.74.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1285	WA IAC	Liberty Bay Foundation	Liberty Bay Nearshore Habitat Eval.	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$0.00	\$43,030.00	Puget Sound

Project Description

Puget Sound's Liberty Bay is a regional estuary important to rearing juvenile and migrating adult salmonids, forage fish, smelt and herring spawning, benthic fauna, plant communities, and estuarine habitat types. The cumulative impacts of non-point source pollution, land-use, and marine activities have resulted in degraded conditions. Marine samples collected in the bay and its tributaries have routinely violated state standards. In addition, eroding shoreline bank failures, uncontrolled storm water runoff, and upland development has contributed to degradation of the bay. This project will reduce adverse effects of watershed development by integrating nearshore habitat restoration, public education, water quality & benthic invertebrate monitoring, and encourage community involvement through project-based learning opportunities. A region coordinated watershed assessment will directly benefit future restoration plans. Development of Geographic Information System maps will aid in monitoring and tracking long term remediation efforts throughout the bay. Native plant restoration in 7500 linear feet will educate local residents as to the benefits of natural shoreline protection and near shore ecosystem conservation in a highly visible program with strong community support. Implementing comprehensive improvements while promoting citizen stewardship will reduce pollution, aid recovery of intertidal primary juvenile salmon food items and restore near shore attributes to vital fish habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1254	WA IAC	Northwest Service Academy	Lmmuma Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	20-MAY-02 -	Salmon Habitat Protection and Restoration	\$32,000.00	\$0.00	Yakima

Project Description

The project proposal aims to restore lower Lmmuma Creek by: 1. Building a cattle exclusion fence along two miles of Lmmuma Creek. 2. Building a temporary electric fence along one mile of the yakima River. 3. Removing noxious, exotic weeds. 4. Planting extensive native vegetation 5. placing rootwads in strategic locations. Off-channel rearing is a limiting habitat factor for the Yakima Canyon reach of the Yakima River. Located between Yakima and Ellensburg, Lmmuma Creek provides the best opportunity for off-channel rearing in the Yakima Canyon. Lmmuma Creek flows year-round and is barrier-free. Fish do not utilize the upper Lmmuma Creek, but have access to the project site. Lmmuma Creek is considered a Class A (excellent) stream in terms of DOE water quality. Most of the upper Lmmuma Creek watershed is in federal ownership (Yakima Military Training Center). Cattle were barred from the training center property approximately five years ago. The Army has conducted a few small restoration projects on their ownership. The lower end of Lmmuma Creek is in private ownership, specifically, Mr. Jack Eaton. Currently, Eaton's cattle are free ranging, resulting in a riparian zone that is essentially non-existent, regarding native vegetation cover.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1353	WA IAC	Columbia Land Trust	Logging Camp Canyon - Phase 1	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$422,875.00	\$0.00	Middle Columbia

Project Description

Phase 1 of the Logging Camp Canyon project proposes to purchase 293 acres of land critical to the long-term protection of steelhead spawning habitat. Logging Camp Creek provides one of the last and best vestiges of quality spawning and rearing habitat accessible to steelhead and coho in the entire Klickitat River watershed. Its mature forest canopy maintains suitable water temperatures, woody debris recruitment and other watershed functions important to salmonids. Additionally, the surrounding lands maintain steep slope stability, water recharge and late season discharge to maintain pools. Purchase of this property will ensure that spawning and rearing habitat will be protected from development and degradation. Wild steelhead stocks (summer and winter run) are federally "threatened" and have limited tributary spawning and rearing opportunities in this portion of the basin. This proposal will complement a number of habitat restoration activities currently underway including a County-sponsored Logging Camp Canyon Passage Improvement Grant (SRFB - #99-1939R), and two two Yakama Nation/BPA projects. These projects involve riparian plantings in conjunction with the SRFB Passage Project and project monitoring via TFW habitat inventory methodology, spawner surveys and snorkel counts. The project will also establish a landowner agreement on 20 acres along the lower stream reach and confluence with the Klickitat River to further protect fish access and habitat quality.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1217	WA IAC	Columbia Land Trust	Lower Col. River: Grays River Phase III	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$375,182.00	Lower Columbia

Project Description

The ecological health of the Columbia River estuary is a critical factor in the recovery of every listed salmonid species in the entire Columbia River watershed. The Grays River, located within the estuary, supports the largest population of chum in the Columbia River ESU. The Grays River also supports spawning populations of coho, chinook, steelhead & searun cutthroat trout. This project will restore and protect 183 Ac of intertidal emergent and forested wetlands. These habitats are critical to the early life history of every listed salmonid population. The project's close proximity to the Columbia will also benefit juveniles from every listed stock in the upper Columbia watersheds. The following limiting factors will be addressed: floodplain connectivity, large woody debris, riparian condition, and water quality. The most significant action of this project will be the conservation and restoration of 183 Ac of floodplain habitat: free flowing access of Seal Slough into the entire project area will be restored; 10 levees will be breached; tidegates removed; historic flood channels excavated; drainage ditches filled; large woody debris introduced; and spruce, cedar and other native species planted. The result will be 183 Ac of productive shallow emergent wetlands for nursery areas, forest canopy regeneration, connection of Grays River and Seal Slough during high flow events, and improved estuarine function. This project complements 2 previous Salmon Recovery funded projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1216	WA IAC	Columbia Land Trust	Lower Columbia River Estuary: Deep River	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Salmon Habitat Protection and Restoration	\$693,465.00	\$0.00	Lower Columbia

Project Description

The ecological health of the Columbia River Estuary is a critical factor in the recovery of every listed salmonid species in the entire Columbia River watershed. The Deep River, a significant watershed within the Columbia River estuary, is utilized by 5 species of anadromous salmonids: Chinook, Chum, and Coho Salmon, Steelhead, and searun cutthroat. Chinook, Chum, and Steelhead are listed as threatened within the Columbia River. Searun cutthroat are proposed, and coho are a candidate species. This project will acquire and restore approximately 198 acres forested wetland/floodplain habitat. The following limiting factors are addressed by this project: floodplain connectivity, large woody debris, riparian condition and water quality. This project is part of ongoing restoration efforts in the area, and provides a significant contribution to large scale (watershed) restoration effort. Restoration will include levee breaches, tidgate removal, ditch filling, and swale enhancement. Restoring tidal function to this portion of the estuary will improve water quality conditions both within the Deep River and the Columbia estuary. Reconnecting this floodplain property with the river will improve habitat and water quality, restore salmonid rearing habitat, and will increase basin productivity for all life history stages of salmonids. This project will also benefit upriver Columbia Basin salmonids dependent upon the Lower Columbia River estuary for juvenile nursery habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1325	WA IAC	Skagit Fish Enhancement Group	Lower Finney Creek Instream Enhancement	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Salmon Habitat Protection and Restoration	\$183,800.00	\$0.00	Puget Sound

Project Description

SFEG is partnering w/ the USFS to strategically place large woody debris in a 1.5 -mi reach of Finney Creek, a tributary to the Skagit River at mile 47. The project will utilize 300-400 pieces of wood in 30-40 complexes to reinforce & resemble natural accumulations of debris. Cabling will be done to increase the mass of individual complexes & to duplicate the mass that would have occurred naturally with large tree recruitment. Both the stream channel & riparian area adjacent to this reach lacks large diameter trees for LWD recruitment due to past timber harvest & channel clean-out. Studies indicate that 30" dbh LWD recruitment will naturally take 80-120 years on this type of site. Logs will be placed by helicopter to reinforce & resemble natural accumulations of debris (complex); to maximize habitat values & minimize LWD movement. This placement will enhance wood recruitment, point bar formation & mimic large structural logs. This structure will allow the channel to decrease its width to depth ratio, & accelerate natural pool development & stream bank formation. Riparian vegetation will reestablish once the channel decreases in width and depth ratio. The net effect will reduce stream temperature & improve fish habitat. Chinook, coho, cutthroat trout, bull trout & steelhead utilize the project reach, while pink & chum utilize lower Finney Creek. Finney Crk has 11 miles of anadromous habitat. Road work is simultaneously being done to reduce future sediment delivery to Finney Crk.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1313	WA IAC	Skagit Fish Enhancement Group	Marblegate Slough Floodplain & Passage	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$47,500.00	Puget Sound

Project Description

Marblegate Slough stems from a Skagit River side channel that is located 1/2 mile downstream of the Cascade River on Rockport/Cascade Road near Marblemount in Skagit County, WA. The slough flows during high water but is also fed by ground water that supplies year round water to the slough's lower half. The slough provides high quality off channel rearing for coho salmon as well as off channel spawning for coho and chum salmon. Chinook salmon access the channel as well. Portions of the slough are located within a 50-acre protected common area of the 200-acre marblegate Community Association. A gravel road crossing now isolates upper and lower segments of the slough, affects floodflow process, and forms a partial anadromous barrier. The crossing provides access to the common area and river trails for the private community association. The problematic crossing consists of rock fill and 2 undersized culverts that limit up and downstream movement of salmonids, thus isolating 1,770 linear feet of channel with an estimated 750m squared of spawning habitat. The rock crossing and culverts will be removed and replaced with a bridge and will enable salmon to use off channel habitat for winter rearing and spawning. The plan involves placing a 30 to 40 foot flatcar bridge across the slough. The improved crossing will help to restore floodplain process and will open up extensive high quality forested off-channel slough habitat for a variety of salmon along the Skagit River.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1434	WA IAC	Methow Conservancy	Methow R/H Acquisition Supplement 2001	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$424,800.00	\$0.00	Upper Columbia

Project Description

In March of 2001, the Methow Conservancy was awarded a \$1,290,000 grant by the Washington State Salmon Recovery Funding Board (SRFB) for conservation easement acquisition in the Methow watershed, WRIA 48. Public interest in the project has surpassed any expectation that the Methow Conservancy could predict. Twenty-two property owners have committed to 'Letters of Understanding' (LOU) with the Conservancy and nine more are expected by 10-30-2001. These properties are in the areas of highest interest to the Upper Columbia Regional Technical Team and the limiting factors analysis of the Methow Watershed, and represent a total of 1,479 acres and 57,800 feet of riverfront, nearly eleven linear miles! (See maps.) We are very sure that additional properties will move to LOU's with a small amount of outreach. This will exceed that SRFB award of March 2001. Our analysis of the current funding shows a shortfall of at least \$500,000 if all existing inquiries were to come to settlement. We are requesting \$500,00 for additional easement acquisition.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1364	WA IAC	Skagit Land Trust	Middle Skagit Habitat Protection	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$998,750.00	\$0.00	Puget Sound

Project Description

This proposal is a product of the Middle Skagit Inventory and Assessment, funded by SRFB in 2001. In partial fulfillment of the grant, we have produced a ranked list of properties and now propose acquisition from willing sellers. This project will result in systematic and permanent protection of the highest-quality chinook and coho rearing and spawning habitat remaining in this portion of the Skagit River. Properties considered for acquisition were chosen for their quality and quantity of functioning fish habitat. Adjacency to existing protected areas and threat of increased development were also considered. By focusing on properties with the best remaining habitat and building on existing protected areas, this project will result in permanent protection of significant segments of the system and its processes. The side-channels, sloughs and low-gradient tributaries in this section of the Skagit River are situated immediately upstream of the most populated reaches of the watershed. They provide the last opportunities for coho and chinook rearing before fish enter the urban and agricultural zones of the lower Skagit River. Population growth in Skagit County is rapidly reducing the availability of relatively undisturbed large parcels of key habitat. Deferral of a focused protection effort will preclude a significant opportunity for salmon recovery.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1229	WA IAC	Willapa Bay RFEG	Mid-Trap Creek	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	16-APR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$102,612.00	Washington Coastal

Project Description

This section of Trap Creek has been identified as having a low number of Redds, May 13, 2001, compared to the upper and lower sections of Trap Creek. This was reported by WDFW, Lead Stream surveyor, Connie Denny Nussbaum. Their data show that this section has 90% fewer Redds than the other sections. Willapa Bay Fisheries Enhancement Group hired Applied Environmental Services, Inc to perform a survey. Their survey, reference 12b.g., determined a low count of LWD, exposed bedrock and hardpan, shallow pools, fine sediment have embedded gravel, is the root cause of the low Redds count. This project will make in-stream improvements to restore an important biological process of spawning habitat in this section of the stream. This section is about 4,030 feet has a low LWD in one section 0.12 Pieces/Channel length/Width, compared to an optimum of 1.0. This project will place coniferous LWD to improve stream structure, food availability, and stabilize spawning areas. This project will be complementary to the Upper Trap Creek project funded by the SRFB and completed in 2001. That project restored 1.2 miles of stream, and abandoned the road adjacent to the upper stream. This project will greatly benefit from the completion of the upper section. The road on Trap Creek for about 11 miles is now closed; this road was responsible for delivering large amounts of sedimentation to the stream.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1269	WA IAC	Yakima City of	Naches River Water Treat. Plant Screen	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Salmon Habitat Protection and Restoration	\$300,000.00	\$0.00	Yakima

Project Description

The City of Yakima operates a diversion on the Naches River to supply water to its Water Treatment Plant. The diversion facilities were constructed in the late 1960's and early 1970's and do not achieve current fish screening criteria for the protection of salmonids. When complete, the new facilities will provide immediate fish protection, instream flow will be enhanced, general water quality improved, and impacts to fish from current maintenance requirements eliminated. Enhancement of bank habitat near the intake is also included in the plan. A preliminary design of the facilities is complete, and the City is ready to begin permitting followed by final design and construction. Personnel from the WDFW, NFMS, USBR, YIN, local governments, and others, have provided assistance in developing design criteria. The Naches provides habitat for steelhead and bull trout, listed under the ESA, and other important species such as coho and spring chinook. This project also complements other fish and critical habitat initiatives in the basin, and will provide important and cumulative recovery outcomes. A significant threat to both listed and critically depressed species exists under the status quo. Finally, it must be noted that this project has received unanimous support within a basin struggling to initiate and build consensus for strategic projects. Funding this project will accrue benefits to overall planning efforts in addition to the direct benefit to salmon recovery.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1295	WA IAC	Nooksack Salmon Enhance Assn	Nooksack Roads Erosion Control	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	20-MAY-02 -	Salmon Habitat Protection and Restoration	\$174,200.00	\$0.00	Puget Sound

Project Description

Nooksack Salmon Enhancement Association (NSEA) is partnering with the US Forest Service (FS) to minimize erosion impacts from 10.8 miles of roads in the upper Nooksack river system (North and South Forks). This project also will eliminate two fish passage blockages, East Church road for native char and Thompson Creek road MP 2 for steelhead and native char. The project's objective is to reduce risk of road failure, erosion and sediment production and its potential impacts on fish habitat and water quality. This project targets the limiting factor of egg to fry survival and holding habitat due to sedimentation for native chinook, coho, char, steelhead, trout, and bulltrout/dolly varden. Road deficiencies were identified in 1995 and 1996 during landslide inventories and road deficiency surveys. These road segments were identified as high risk for direct sediment delivery to the anadromous zone. Continued sediment loading and flood events have limited recovery of Chinook, Coho, steelhead, and native char/bull trout populations in the Nooksack system. The proposed drainage corrections will incrementally reduce sedimentation during storm events. The drainage correction design has been implemented on other similar projects by the FS and has shown to be successful.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1263	WA IAC	Whatcom Land Trust	North Fork Chinook: Canyon Creek Restore	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	14-MAY-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$689,024.00	Puget Sound

Project Description

Canyon Creek Restoration will acquire and restore 81.5 acres of Spring Chinook spawning, holding and rearing habitat at the confluence of Canyon Creek and the North Fork Nooksack. The project is located on the active alluvial fan of Canyon Creek, the second largest tributary of the North Fork Nooksack. Canyon Creek is important habitat for federally listed native North Fork Spring Chinook, along with pink, chum, steelhead, and threatened bull trout. Whatcom Land Trust (WLT) will acquire properties on both sides along 1000' of Canyon Creek. Whatcom County will remove 10 permanent structures and restore building sites. Lummi Natural Resources (LNR) will conduct riparian restoration on 20 acres. WLT and LNR, in cooperation with regional co-managers, will design and construct improvements to a partial fish barrier. Major flooding in 1989, 1990 and 1995 resulted in significant damage to homes and roadways on the alluvial fan. Public agencies have spent over \$1.4 million in attempts to protect a small resort and neighboring residences with massive flood control structures. The flood project has significantly restricted the natural floodplain of Canyon Creek, increased flows in spawning areas, restricted up-stream fish passage, and reduced the area of spawning habitat on the alluvial fan. In 1981 more Spring Chinook were observed in Canyon Creek than were sighted in the rest of the Nooksack Basin. One day this year spawning surveys counted 150 Spring Chinook in the lower reach of Canyon Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1323	WA IAC	Nooksack Salmon Enhance Assn	North Fork Nooksack Instream 2002	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$180,000.00	\$0.00	Puget Sound

Project Description

The Nooksack Salmon Enhancement Association (NSEA) is partnering with the US Forest Service (FS) to strategically place large woody debris (LWD) complexes in and along a 3-mile reach of the North Fork Nooksack River, from RMs 61-64. The objective is to decrease egg to fry loss of native chinook, coho, cutthroat, pink, sockeye, steelhead and Dolly Varden/bull trout due to scour and dewatering of side channels. Problems: The Channel and riparian area adjacent to this reach lack large diameter trees for LWD recruitment due past fire history and timber harvest. Channel stability has decreased and channel scour increased often at periods of spawning and egg incubation. Since 1995 this 3-mile segment of the Nooksack has continued to scour, downcut, isolate side channels, and convert riffle/pool units to riffles with reduced spawning area. Solutions: The work is designed to increase roughness and channel complexity by placement of ballasted LWD at natural accumulation points and increase LWD resident time. The wood accumulations will dissipate water energy during high water by allowing it to escape the channel and inundate the floodplain, thus increasing connectivity by way of side channels. Log placement will mimic large structural wood, increase the duration of sediment storage, increase gravel sorting, incremental increase in channel stability, and incremental increase in egg to fry survival.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1307	WA IAC	Snohomish County of	North Meander Slough Reconnection	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$679,000.00	Puget Sound

Project Description

This project will reconnect the North Meander slough to the Stillaguamish River, enhance and restore natural habitat forming processes for creating off-channel rearing for juvenile salmonids. It involves removal of a plug dike, excavation of deposited material, channel reconfiguration, wood placement, and riparian planting. North Meander slough, located along the lower mainstem, is a horse-shaped channel approx. 4,600 feet in length. Reconnecting the slough to the main channel would restore over 3/4 mile of off-channel rearing and refuge habitat for juvenile salmonids. It would have a broad geographic effect because it would create substantial off-channel rearing and refuge habitat, a multi-species limiting factor (WCC, 1999; Stilly TAG, 2000). Reconnecting the slough would also provide foraging habitat for adult bull trout. We estimate that reconnecting North Meander will create 12 acres of off-channel rearing. Using this area estimate and regional density estimates, we estimate the project would provide rearing for approximately 4,200 pre-smolt chinook/year. Pess, et.al. (1999) estimated that reconnecting North and South Meander, another slough just upstream, creates as much or more rearing habitat than the top twenty culvert replacement projects in the Stilly.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1296	WA IAC	Nisqually R Basin Land Trust	Ohop Creek Salmon Habitat Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	31-MAY-02 - 14-MAY-03	Salmon Habitat Protection and Restoration	\$85,472.00	\$0.00	Puget Sound

Project Description

Ohop Creek has been designated in the Nisqually Chinook Recovery Plan as one of two most important tributaries in the Nisqually watershed for restoration of salmon habitat. It is particularly important due to its support for greater life history diversity of the salmon, which is critical for long-term sustainability. Ohop, which flows through a primarily rural agricultural area, still has good water quantity and quality, but currently has degraded salmon habitat because of impacts caused by channelization, removal of riparian vegetation, and the draining of adjacent wetlands to create pasture. Planning is underway for the restoration of habitat throughout the lower reach of Ohop Creek where it has been most severely impacted. Much of this restoration however, will be dependent on the willingness of landowners along the creek to participate in the restoration effort. The Nisqually River Basin Land Trust recently purchased with SRFB 2000 funds a 96 acre parcel along the creek within this key reach that requires restoration. There are now an additional 56.2 acres immediately downstream of that site that are for sale. The realtors are advertising the now vacant lots as excellent homesites. The Land Trust would like to purchase the 56.2 acre property to protect it from development and to make the land available without reserve to restore the wetlands and salmon habitat on the property, which will benefit chinook, coho, pink, steelhead and cutthroat trout.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1420	WA IAC	Colville Confederated Tribes	Omak Creek Road Decommission	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$45,000.00	Upper Columbia

Project Description

Omak Creek, tributary to the Okanogan River, contains natural reproducing steelhead, federally listed as "endangered". However, past land management activities continue to impair aquatic habitat in Omak Creek. Unnaturally high amounts of fine sediments occurs throughout the stream, but are excessive in reaches within the upper watershed. Roads were identified as the leading factor for increased sediment yield within the Omak Creek watershed (NRCS 1995). Road density within the Omak Creek watershed is conservatively estimated at approximately 6.35 miles/square mile (NRCS 1995). To reduce the deleterious effects of the high road density, a "ripping" technique has been implemented on road surfaces to allow infiltration and decrease the amount of sediment delivered to stream channels. During 1999 approximately 38 miles of roads within the Omak Creek watershed were closed and decommissioned. To continue this effort, an additional 20 miles of road in the upper watershed area of Omak Creek were recommended to be decommissioned. Road sections will be selected through an inter-disciplinary team and based upon location, condition, and utility. Monitoring will include measuring volume of fine sediment in pools. These measurements, conducted post road decommissioning, will be compared to baseline data collected during 2000.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1244	WA IAC	South Puget Sound SEG	Perry Tributary Fish Passage Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$150,000.00	\$0.00	Puget Sound

Project Description

Less than 2km upstream of Mud Bay is an unnamed right bank tributary to Perry Creek (14.0002) approximately 1,800m long. Chum, Coho, and Cutthroat Trout utilize the unnamed tributary up to a private road double culvert fish passage barrier perched 0.90m and 1.70m. Main stem Perry Creek (WRIA 14.0001) flows for nearly 7km with an impassable natural falls approximately 3km upstream of Mud Bay in Thurston Co. Project partners feel it is important to spatially distribute salmon and open up access to existing habitat in the Perry Creek watershed. *Beneath a private road in Thurston Co, are two culverts perched 0.90m and 1.70m. A bottomless fish passage structure will replace the existing culverts and in-stream channel work will mitigate the scoured streambed. *Downstream of the private culverts, beneath a temporary road, two barrier culverts will be removed. *Approximately 530m upstream of the private culverts, a 0.75m man made rock waterfall will be mitigated. In total, SPSSEG will complete 3 fish passage projects using a watershed base approach that provides increased spawning and rearing areas in a limited habitat watershed. Marine nutrients will be reintroduced further upstream via salmon carcasses and adult and juvenile salmonids will gain access to historical ranges of the stream. The WDFW Priority Index numbers for these sites is 17. This project was brought to the attention of WRIA 14 Lead Entity by the landowners. Local landowners have offered a 15% match.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1373	WA IAC	Clallam County of	Phase 1: Dungeness Estuary Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$1,183,778.00	Puget Sound

Project Description

The overall project goal is to restore the ecological processes of the estuary and lower Dungeness River. Phase 1 objectives are to purchase approximately 22 acres of property and associated improvements on the west bank of the River to RM 0.9, remove approximately 3,400' of dike, and begin revegetation. Functional floodplain in the river mouth area will then be over 150 acres and will thereby reduce channel velocities, provide for sediment storage, and allow for meander development. This 1st phase of the large-scale lower Dungeness restoration is critical before the upstream bridge and dike can be set back (in study/planning phase). This restoration project was recommended as the # ONE PRIORITY by the DRMT and the River Restoration Work Group, and is described in the Limiting factors Report and Summer Chum Initiative. The lower river and estuary have been altered by diking, roadbuilding, and development causing degraded estuarine/riparian habitat, channel confinement, aggradation and related bedload instability, as well as water quality impacts associated with the current DOH Shellfish Closure Areas (DOE, Lower Dung. TMDL). The project will primarily benefit spawning and rearing of summer chum, lower river pink salmon, and chinook. It will also directly benefit chinook, bull trout and all other Dungeness stocks, shellfish, migrating shorebirds and waterfowl, eelgrass and other estuarine resources. Match is available from landowners, WDFW, USFS and NOLT.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1421	WA IAC	Pierce Co Water Programs Div	Puyallup River Setback Levee	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$990,000.00	Puget Sound

Project Description

Pierce County, the Puyallup Tribe, and the Army Corps of Engineers are proposing to design and construct the Orting Soldiers' Home Setback Levee project. The project funds will provide 35% match to the Corps funding. Pierce County owns the property rights necessary to construct the project, excepting that rights need to be finalized for a portion of the Washington State owned Soldiers' Home property. The project will remove 5500 feet of an existing flood control levee on the left bank of the Puyallup River between river mile 21.3 and 22.3 and construct a 5200 foot long setback levee. The maximum width of the river corridor will increase from the present 250 to 1150 feet. The setback will expose 53 acres of floodplain and allow natural channel migration process to occur. During the design process opportunities to create side channels through the area will be investigated. The project directly address two key limiting factors by allowing natural channel and floodplain processes to occur. Off-channel rearing and refugia habitat will be created, and spawning habitat will be improved in the channel because channel meandering will reduce channel grade, slow water velocities, and create more suitable substrates. The new habitat for downstream migrants is especially needed to support productivity of the upper Puyallup, now that the fish ladder at teh Electron Dam is operational and increased minimum flows have been provided in the Electron bypass reach.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1290	WA IAC	Tulalip Tribe	Qwuloolt Estuary	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	29-MAY-02 - 28-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$850,000.00	Puget Sound

Project Description

The project proposes acquiring a critical and atrategically located 34 acre parcel central to initiation of an outstanding intertidal wetland project in the lower Snohomish River. This restoration restores a site of 360+ acres to intertidal estuarine conditions in the City of Marysville. Restoration opens this area and the tributary creeks of Allen and Wood to access by threatened salmon species while recovering rare intertidal estuarine habitat into the system. For chinook and other salmon species, this provides forage and resting areas, out-migration transition habitat, and rearing potential with spawning ground access to the creek drainage. The target property*, bisected by Allen Creek, includes the creek's historic oxbow and is over 30% wetland. The property has been approved for development to begin in summer 2002. Without this key parcel, a full drainage district restoration is severly hindered and potential options for habitat recovery in the Allen Creek drainage are limited. This is literally the last chance to get this land protected! Numerous reports cite this area as a key target for estuarine restoration, with the Snohomish Estuary Wetland Integration Plan (a lower river functional assessment inventory) identifying it as the number one restoration site! *The HDK parcel is more fully described as tax id parcels 3330-05-1-010-0006, 3330-05-1-009-0009, & 3330-05-1-045-0005 located in Snohomish County, State of Washington

Project Ref	Grantee	Subgrantee	Project Name	State
01-1422	WA IAC	Cascade Land Conservancy	Robe Canyon Laird Preserve	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-01 -	Salmon Habitat Protection and Restoration	\$286,819.00	\$0.00	Puget Sound

Project Description

The proposed 82 acre Robe Canyon Laird Preserve will provide an important, cost efficient and timely opportunity to protect critical spawning and rearing habitat for coho, chinook, chum, pink, steelhead and bull trout on the South Fork Stillaguamish River. The WA Conservation Commission report lists Robe Valley as #5 priority out of 27 subbasins, and recommends protection of highly functioning habitat as the most cost effective approach. Protection would address documented limiting factors such as preservation of 1/2 mile and at least 30 acres of intact riparian habitat, historic side channels and pools, an active beaver population, and a large gravel bar with large accumulation of LWD. The quality and size of the riparian forest is significant and contributes to increased LWD and pool area essential for spawning and refugia. Only 11% of Stillaguamish riparian forests are fully intact. The large size of the gravel bar, extensive floodplain and presence of historic channels provide opportunity for lateral migration. The property is contiguous to Robe Canyon Historic Park, encompassing 970 acres of forested land along Robe Gorge. In late 2000, the landowner contacted CLC concerning the imminent sale of the property. Acquisition of the property at this time would eliminate the threat of logging and development and would expand the area currently protected within the Park. The SRFB contribution will be leveraged through a generous private donation to CLC.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1239	WA IAC	South Puget Sound SEG	Salazar Culvert Replacement	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Salmon Habitat Protection and Restoration	\$94,469.00	\$0.00	Puget Sound

Project Description

This project, located at approximately River Mile 2.6, entails the replacement of a set of culverts in Woodland Creek, which drains into Henderson Inlet. The double culverts are partial barriers that do not satisfy the WDFW fish passage criteria. Due to earthquake damage, their structural integrity was compromised and will eventually become total blockages. This project replaces the culverts with a structure that will allow unimpeded fish passage for salmonids at all life stages. Species benefiting from this fish passage project include: non-salmonids, chum, coho, cutthroat trout, steelhead, and hatchery-origin chinook salmon of the Woodland Creek drainage. The Salmon And Steelhead Stock Inventory (SASSI) stocks in this basin are considered wild, composite, and hatchery-origin (chinook only). This project will not only protect available spawning and rearing habitat, but will continue to allow downstream migration of streambed material, upstream movement of nutrients via salmon carcasses, and will reduce the risk of road failure at a compromised structure. The project was identified by the private landowners, Margie and Omar Salazar, and includes a riparian revegetation component to be completed by the Lacey Stream Team, thus expanding the understanding and support of salmon recovery issues within the community.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1346	WA IAC	Jefferson Land Trust	Salmon and Snow Creek Estuary	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$400,000.00	Puget Sound

Project Description

The Salmon and Snow Creek Estuary is the most intact of its type on the Strait of Juan de Fuca. Located at the head of Discovery Bay in East Jefferson County, it is the unquestioned stronghold of the ESA listed Strait of Juan De Fuca summer chum salmon, with over 1500 fish returning already this year. Despite regulations, use and development are degrading the wetlands, riparian corridors and estuary. Several parcels are zoned for commercial or high-density development and two of the largest and most important are for sale. Through conservation easements and fee simple acquisition, Jefferson Land Trust will partner in the perpetual protection of over 3 miles of streams and 300 acres of prime estuarine and riparian habitat for summer chum, other salmon species, forage fish and wildlife. The project fits well with the Hood Canal Coordinating Council Strategy for Salmon Recovery, which highlights estuary and nearshore habitats as Tier I for acquisition. Critical habitat acquisition is number one on their sequenced project lists for both Salmon and Snow Creek watersheds. This \$498,500 project aims to protect 4-8 of 33 targeted parcels, and will build on acquisition and restoration work of our partners. WA Dept. of Fish and Wildlife (WDFW), Jefferson County Conservation District (JCCD), North Olympic Salmon Coalition (NOSC), Wild Olympic Salmon (WOS) and Jefferson County will all collaborate with the Land Trust to protect this critical summer chum habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1357	WA IAC	Skagit System Cooperative	Sauk Sediment Reduction	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-JUN-02 -	Salmon Habitat Protection and Restoration	\$321,895.00	\$0.00	Puget Sound

Project Description

This project will decommission or upgrade approximately 25 miles of Forest Service roads in the Sauk River basin. The target area includes the Dan Creek Watershed Administrative Unit (WAU) and the portion of the Sauk Prairie WAU that drains into the Sauk River. Roads have increased sediment delivery above natural levels in these WAUs, primarily by increasing mass wasting rates. For this reason, the Skagit Watershed Council has specifically identified reduction in sediment supply as a high priority for these areas. Field inventories were used to identify project sites. Road segments were rated as high risk if they have the potential to cause a mass wasting event that could deliver sediment directly to key habitat. High risk segments will be treated by removing or upgrading stream crossings, adding and upgrading drainage structures, and stabilizing or removing road fills on high hazard roads. This project is anticipated to benefit most of the streams with salmon habitat in the target area. In the Dan Creek WAU, this includes Dan Creek, streams 1087,1088,1089, portions of the Sauk River mainstem, and several off-channel habitat areas (Hyachuck ponds area, Dan Slough, and others). In the Sauk Prairie WAU, this includes Gravel, Dutch, Green, and Everett Creeks and portions of the Sauk slough. All species that utilize these streams are expected to benefit, including pink, chum, coho, chinook, cutthroat, steelhead, and native char.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1237	WA IAC	South Puget Sound SEG	Sherwood Creek Fish Passage	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Salmon Habitat Protection and Restoration	\$821,600.00	\$0.00	Puget Sound

Project Description

This SRFB proposal will replace a salmonid passage barrier on the main stem of Sherwood Creek (WRIA 14.0094) with a bridge design that will allow for migration of salmonids at all life stages. Sherwood Crk is ~29 km and is a multi salmon species watershed with both Mason Lake (977 acres) and Schumocher Crk (WRIA 14.0098) above the project site. Sherwood Crk enters Case Inlet near Allyn in Mason Co. Currently, two 5' diameter culverts flow under a Navy Shipyard railroad track at ~RKM 10.4. Each culvert is classified as a fish passage barrier using WDFW criteria. Although some adult Chinook, coho, and steelhead get upstream during certain flows, the culverts are significant blockages to juveniles, chum, resident and sea-run cutthroat. These undersized culverts do not have streambed throughout the culverts and were installed at a slope too steep for fish passage. During most conditions, the culverts constrict the flow, resulting in high-velocities through the pipes, causing the water to "jet" into a large pool at the downstream end of the culverts. The high water velocities impede salmon migration. This bridge project will not only increase salmon use of under utilized spawning and rearing habitat, but will also allow downstream migration of streambed material and woody debris. Upstream movement of marine derived nutrients will help with watershed diversity. Project partners include SPSSEG, the Navy, WDFW, Squaxin Island Tribe, and the Allyn Community Association.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1403	WA IAC	Pacific Woodrush	Siebert Ecosystem Habitat Protection	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	06-MAY-02 -	Salmon Habitat Protection and Restoration	\$765,355.00	\$0.00	Puget Sound

Project Description

In lower Siebert Creek, 2 miles of contiguous freshwater and estuarine salmon habitat will be perpetually protected using a combination of a 33-acre property acquisition and conservation easements. Acquiring the property will eliminate the possibility of development and will provide Siebert Creek the highest level of protection at this vulnerable site. The project reach, extending from the mouth to RM 2.14, contains a nearly pristine estuary and a riparian corridor in unusually good condition. Fish species include coho, cutthroat and steelhead. The property targeted for acquisition was recently logged, converted to non-forestland, and is for sale; time is essential in protecting this important salmon habitat. Reforestation of the acquired property will allow for large woody debris recruitment and provide stability to the property's steep slopes. The conservation easements will be written to prevent development, while striving to ensure access for future restoration projects. Habitat restoration and protection efforts are taking place throughout the watershed, including the removal of a harmful culvert from the project reach in 1998, the development of a stormwater plan, and efforts at creating conservations easements upstream. A diverse group of neighbors within the watershed community strongly support this and other habitat protection projects. The visually prominent location of the 33 acres will provide a constant reminder to this community of salmon restoration in action.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1281	WA IAC	Bremerton Port of	Sinclair Inlet North Shore Estuary Res.	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Salmon Habitat Protection and Restoration	\$318,307.00	\$0.00	Puget Sound

Project Description

The purpose of this project is to restore to 1942 vintage the western most 1500 feet of the Northern shoreline of Sinclair Inlet and to increase the productive area of existing estuary by 1.7 acres. (See enclosed, photos, mapping, and drawings) Sinclair Inlet along with it's shoreline and estuary is a major passage way and nursery for Chinook, Coho, Chum Steelhead Salmon and Searun Cutthroat trout entering and leaving Gorst Creek. Several miles of the Northern shoreline have been hardened with riprap to accommodate SR 16 and PSNS railroad. The only portion of Northern shoreline between Gorst and Navy Yard City Interchange that can be restored is the subject of this grant request. This project will include two phases. Both phases together will restore 1,820 feet of shoreline and 4.2 acres of estuary. Phase 1 of the project, the subject of this grant, will effect the cleanup of all 1160 feet of the existing shoreline, restore 620+ feet of shoreline, and create 1.7 acres of additional estuary. Phase two of the project will be the subject of further grant requests and will be completed when additional funding is available. (See enclosed chart for further site information). The importance of estuarine and shoreline habitat to salmon productivity is well documented. There is a direct correlation between outgoing wild chinook smolt survival from Gorst Creek and the health, and configuration of the shoreline of Sinclair Inlet. Over 1000 wild Chinook spawn in Gorst Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1419	WA IAC	Methow Salmon Recovery Found	Sloan-Witchert Slough Habitat/Irrigation	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$236,397.00	\$0.00	Upper Columbia

Project Description

This project will provide additional flow (approx 10 cfs) in the Sloan-Witchert Slough (1.5 miles) and will eliminate a surface water diversion with the installation of wells. The project site is located off the Methow River approximately two miles west of the Weeman Bridge. There are two irrigation diversions (Kumm-Holliway, McKinney Mountain) diverting water from the Sloan-Witchert Slough. Both fish screens are scheduled for replacement next spring. Kumm-Holliway users would remove their (3 cfs) diversion if they could convert to permanent ground water wells. McKinney Mountain users (7 cfs) would convert to seasonal ground water wells for late season use (low flows) and work with biologists to address a flow regime that allows for irrigation and habitat needs for listed fish stocks. Low flows in the slough is a limiting factor as they strand redds and adult fish, and limits effective rearing. The project would more effectively connect hydraulically the main stem Methow to the slough allowing fish reliable access to valuable habitat for longer term rearing, over-wintering, escapement, and add to riparian productivity. Targeted species are Spring Chinook Salmon (endangered), Steelhead (endangered), and Bull Trout (threatened). This project addresses priorities noted in the Methow Limiting Factors Analysis. This includes providing ecosystem-oriented benefits. It is also consistent with the recovery strategy priorities established by the RTT for the region.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1362	WA IAC	Everett Public Works Dept	Smith Island/Union Slough Estuarine	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Salmon Habitat Protection and Restoration	\$157,500.00	\$0.00	Puget Sound

Project Description

The Snohomish River Estuary is a valuable and critical ecological component in the life cycle of salmonid. Prior to European settlement, the intertidal wetlands and braided channels were immense. Agriculture was a major land use in the European settlement patterns, which incorporated earthen dikes to claim land for farming, grazing and other elements of commerce. As a result of these settlement patterns, the natural process that formed the historical landscape was altered. This resulted in the loss of estuarine habitat. Consequently, as the settlement patterns evolved and expanded, the loss of estuarine habitat resulted in the reduction of salmonid over time. This proposed habitat restoration project proposes to breach an existing dike, in three locations, along Union Slough (see attached map). This will allow approximately 100 acres of existing, non-native fresh water wetland area to return to its historical role as inter-tidal estuarine habitat. The portion of this project to which the requested funding will be applied is a US Army Corps 1135 Project. This project will restore needed critical estuarine habitat for rearing and migration of salmonid. This restoration of habitat is particularly critical for smolt production. An inner dike, protecting the City of Everett's sewage ponds (see attached map) will be restored to and maintained to US Army Corps standards assuring protection of this estuarine habitat during flood conditions.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1298	WA IAC	Snohomish County of	Snohomish River Estuary Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$705,865.00	\$0.00	Puget Sound

Project Description

The goal of this project is to acquire 169.37 acres of diked land in the Snohomish River estuary for the purpose of restoring an estuarine tidal marsh. The Snohomish Basin Salmonid Recovery Technical Committee has identified artificial barriers to access (e.g. dikes, tide-gates, pump-station) and the loss of wetlands within estuarine habitats as factors contributing to the decline of chinook salmon (1999). Haas et al. (2001) estimated that the Snohomish estuary has lost approximately eight-five percent of its tidal marsh and at least 50 percent of its smolt production capacity for Chinook since the late 19th century. The analysis suggests that as a result of this loss, the estuary may commonly constrain production of chinook salmon from the Snohomish River basin. This site is one of the largest undeveloped properties in the Snohomish River estuary within private ownership. Its acquisition would enable restoration of tidal marsh including the reconnection of one of the largest blind tidal slough channels in the estuary. Blind tidal channels within estuarine marsh are used by salmonids for rearing and making the physiological transition from fresh to salt water. Restoration of the site would also involve replanting riparian forest cover representative of the historic forest composition and increasing edge habitat complexity along the site's boundary with Union Slough.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1292	WA IAC	King County DNR & Parks	Snoqualmie River Focus Area 7 Acquisitio	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$341,000.00	\$0.00	Puget Sound

Project Description

The proposed project will protect high quality riparian habitat and create the opportunity to restore side-channel habitat within Focus Area 7, as identified in the WRIA 7 Near Term Action Agenda. This project accomplishes the first element of projects 30 and 31 by acquiring habitat adjacent to the Snoqualmie River. 52 acres are targeted for fee simple acquisition. An additional 47 acres are targeted for conservation easement acquisition. King County already owns 100 acres within Focus Area 7, protecting 33% of the riparian corridor in the reach. Approximately half of the Snoqualmie portion of the Snohomish Fall Chinook run spawned in this reach in 2000. The WDFW estimate of the chinook escapement from the Snoqualmie Basin in 2000 was 1427 fish. Protecting the riparian buffer will preserve woody debris delivery potential, maintain the capacity of the floodplain to trap nutrients, and preserve shading and edge complexity functions. Creating the opportunity to restore side-channel habitat enables the restoration of in-stream habitat diversity to the reach. Increased in-stream habitat diversity will increase the availability of scarce rearing and refuge habitats and restore spawning habitat for species such as chum and pink salmon. Portions of the property are intensively utilized at present. The proposal includes funding to begin restoration of these areas through planting native species, such as cottonweed, alder, red osier dogwood, Sitka spruce, and western red cedar.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1268	WA IAC	Whatcom Land Trust	South Forks Riparian	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	22-APR-02 -	Salmon Habitat Protection and Restoration	\$664,065.00	\$0.00	Puget Sound

Project Description

South Fork Riparian is a combined acquisition and riparian restoration project. The project will acquire 144 acres of floodplain and associated uplands along the South Fork Nooksack and restore 130 acres of riparian habitat. The project also includes 235 acres of riparian forest in the project match to be perpetually protected as salmon habitat for a total of project size of 379 acres. The acquisition properties are either adjacent to or form a continuous corridor linking previously conserved salmon habitat properties along the South Fork. This project will add 10,600 feet of protected river frontage along the Acme-Saxon reach of the South Fork Nooksack. The riparian restoration work will improve long-term conifer recruitment along the riparian zone of two of the three acquisition properties and on two adjacent properties. Lummi Natural Resources and Nooksack Natural Resources will perform the restoration work as grant partners. Match is provided by Whatcom Land Trust through a separately acquired conservation easement over 235 acres of riverfront property in the project area. This project is consistent with the WRIA #1 Salmon Recovery Strategy by protecting functioning habitat for South Fork Chinook along with other anadromous species, restoring natural ecological processes on the South Fork floodplain and linking previously protected properties in the Acme-Saxon reach.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1429	WA IAC	Stillaguamish Indian Tribe	Stillaguamish Riparian Enhancement Crew	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-MAY-02 -	Salmon Habitat Protection and Restoration	\$400,000.00	\$0.00	Puget Sound

Project Description

The purpose of this project is to provide a supervised crew of offenders to prepare, implement, maintain, and monitor riparian restoration projects in the lower Stillaguamish River subbasins. There are 23 restoration sites within these drainages that are underway or planned (see attached map). This project helps restore 33,960 linear feet of riparian and 17 acres of wetland habitat within these sites, which all have landowner consent. The riparian condition of the entire watershed has been inventoried using a combination of aerial photography and field verification (Pollock, 1999). Habitat biologists within the Stilly have prioritized the sites and will oversee all the projects. Riparian areas throughout the Stillaguamish watershed provide critical habitat for all species of anadromous salmon, steelhead, and bulltrout. The Stillaguamish basin has several reaches that are listed on the State 303(d) list of temperature and dissolved oxygen. The crew will be trained in growing native plant materials and restoration techniques. Control of invasive weeds, prior to planting and during the critical two years after planting, will also be important to survival of native plants. The crew in cooperation with biologists will monitor the planting sites for survival and growth for three years after planting. Along with riparian planting and maintenance the crew would be available for fencing livestock out of streams and working on minor road enhancement work.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1225	WA IAC	Willapa Bay RFEF	Stringer Creek	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	16-APR-02 -	Salmon Habitat Protection and Restoration	\$182,257.00	\$0.00	Washington Coastal

Project Description

This project will correct a 1931 blocking fish ladder and make in stream improvements to restore damaged habitat. This will open 4.85 miles of biological important process of spawning and rearing habitat about the blockage, and 1000 feet below the blockage. 59% of the area opened will be spawning and 41% rearing. The project was identified in the Limiting Factors Report, July 1999, Willapa Bay Fisheries Enhancement Group Strategic plan process, and by WDFW, Habitat Program, SSHEAR Divisions, see reference 12b.d. This project will benefit Coho, Steelhead, Chum, Chinook, and Cutthroat Trout. The project is in the upper Willapa River watershed which has supported large numbers of salmon until the fish ladder became blocking years ago. We had an assessment completed by two professionals; a certified biologist and a licensed civil engineer with Water Pocket Inc. Their assessment shows that the fish ladder is blocking priority index of 33.1, and is in danger of failure due to undercutting. Letter from Thomas J. Burns, Fish Biologist, Habitat Program, SSHEAR Division recommends replacement of the entire structure. Our consultant's independent assessment concurs with Mr. Burns' letter. The correction of the fish ladder will benefit Coho, Chum, Chinook, Steelhead, and Cutthroat Trout. This will be a partnership project with: WDFW, Willapa Bay Steelhead Organization, Pacific County, Willapa Valley Water District, and The Willapa Bay Fisheries Enhancement Group.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1312	WA IAC	Hood Canal SEG	Tarboo Creek Habitat Restoration Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$251,510.00	Puget Sound

Project Description

This is a cooperative fish passage project with Jefferson County, the Point no Point Treaty Tribes, the Hood Canal Salmon Enhancement Group, the US Fish & Wildlife Service and the National Fish and Wildlife Foundation. We propose to replace two undersized culverts on Tarboo Creek with 12' and 15' flat bottom oval steel or aluminum plate culverts. Both of these culverts have been determined to be total blockages to salmonids as determined by the Washington State Department of Fish and Wildlife. In addition to the culverts we will be placing four log controls on the downstream end of the upper culvert. Design will be completed winter 2001 and construction will take place during the summer of 2002. This project will open 5.2 miles of stream and over 114,602 square meters of habitat to Chum, Coho, Cutthroat Trout and Steelhead. This project has come before this board twice before by other entities. The HCSEG has undertaken this project this year and incorporated new partners in order to assist in permitting design and cost.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1228	WA IAC	Columbia Conservation Dist	Touchet River Diversion Screens	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$113,488.00	\$0.00	Middle Columbia

Project Description

Project proposal will provide cost-share funding to landowners who enroll in WDFW's Voluntary Screen Compliance Program through Columbia Conservation District. Initial program development was started within the Walla Walla River Basin in 2001. Due to the overwhelming response in the Walla Walla, unlimited landowners within the Touchet River have been involved. The district has taken the lead in recruiting additional landowner involvement in this program as part of the overall Walla Walla Basin planning effort goal of securing an HCP through NMFS and USFWS. Expectation is that all screen diversions and fish barriers will need to be in compliance to meet the goal. This proposal will target the upgrading of 30 screens within the Touchet River watershed, Columbia County, to meet compliance. This entire area is identified as spawning and rearing reaches for steelhead and bull trout. Scope of the screening program will include assessment of current diversion condition, identifying required upgrade needs, and installation of appropriate screens. Assessment will follow similar requirements that were applied in the Walla Walla program; all screening requests must receive WDOE water right approval, and screens must meet WDFW, NMFS, and USFWS requirements. This is a critical component of the 2514 watershed planning effort in southeast Washington and provides the landowner cost-share funding incentive during depressed agriculture economic times.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1316	WA IAC	Yakama Nation	Trout Creek Fish Passage Improve- Plan B	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-MAY-02 -	Salmon Habitat Protection and Restoration	\$190,850.00	\$0.00	Middle Columbia

Project Description

The Trout Creek Fish Passage Improvement Project will eliminate passage obstruction and protect quality habitat in the Trout Creek watershed (55 sq. miles total). Installation of two bottomless arch culverts will make available approximately 8.5 miles of quality spawning and rearing habitats to "threatened" steelhead and resident fish that is otherwise inaccessible. Currently, spawning distribution is relegated to the lower three miles of Trout Creek and the lower protocol identified these culverts as barriers. Plan B is an alternative version for the Yakama Nation, Klickitat Technical Advisory Committee and Local Citizen Review Committee. Plan B will facilitate passage in the upper Trout-Bear watershed by allowing funds to fix passage problems on a Yakama Nation owned road. Plan A would have addressed two additional partial barriers located downstream on private industrial forest land regulated by the Forest & Fish Agreement. Such projects are ineligible in the Third Round 2001 funding cycle.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1392	WA IAC	Skagit Fish Enhancement Group	Verdoes Reach Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$104,833.00	\$0.00	Puget Sound

Project Description

The project involves floodplain restoration through fill removal, installation of LWD, reed canarygrass control, and riparian tree and shrub planting. LWD will be installed to promote natural meandering and pool development. The project will enhance the limiting factor for rearing habitat in the reach. A few existing natural wood structures are currently used by salmon for holding and rearing and indicate that salmon would utilize installed structures. While the riparian zone is restored, the placed wood will provide an interim function to enhance instream habitat, while the riparian zone recovers. Verdoes Reach at the old Verdoes Dairy on the East Fork Nookachamps Creek is a tributary to the Skagit River and supports six species of salmonids: chinook, coho, chum, pink, steelhead, and cutthroat. The site is now protected under a Wetland Reserve Program conservation easement. Channelization and clearing of riparian vegetation in 1959 disturbed key salmonid habitat by removing shade, wood, and habitat-forming process. Channel meanders and pool spacing, size, and depth have been altered. Downcutting is evident and cover and shade are lacking. Lack of woody riparian vegetation, instream wood and dominance of reed canarygrass has slowed recovery process and compromised habitat potential. This reach is known for coho and cutthroat rearing habitat, and there is spawning habitat potential for chum and chinook. Multiple reach level actions will speed recovery process.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1221	WA IAC	Columbia Land Trust	Wood's Landing Chum Spawning Site Protec	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	02-AUG-02 -	Salmon Habitat Protection and Restoration	\$576,341.00	\$0.00	Lower Columbia

Project Description

The project will protect the largest Lower Columbia River chum production site between the Grays River near the mouth of the Columbia River and Hardy/Hamilton Creeks just below Bonneville Dam. Federal, state, and regional reports have described the importance of good chum spawning habitat in the Lower Columbia. Through acquisition the project will protect the area, 6.78 acres and 600 feet of shoreline, immediately above this significant chum spawning habitat in Vancouver, Washington. The properties are mostly forested with excellent riparian habitat. The current zoning allows 1 unit per 10,000 square feet (0.23 acres). Without the proposed acquisition, the threat of residential development of the site in the near future is very high. Partners in the project are Washington Department of Fish and Wildlife (WDFW), Columbia Land Trust, City of Vancouver and the Wood family members who own the property. All partners share salmon conservation goals. WDFW will develop a management plan in cooperation with the partners. Columbia Land Trust will manage the acquisition and then give the title and easements to WDFW. The project provides a unique opportunity within the Lower Columbia Fish Recovery Board region to protect existing, critical, high quality chum salmon habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1834	WA IAC	Pierce Co Conservation Dist	7020 & 7021 Barrier Removal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 -	Salmon Habitat Protection and Restoration	\$136,500.00	\$0.00	Puget Sound

Project Description

The 1999 PCCD culvert survey identified the FS 7020 culvert at Slide Creek & the FS 7021 culverts at Straight Creek and Burns Creek to be the highest priority fish passage barriers in the Greenwater River Watershed. The culverts were prioritized using WDFW's priority indexing methodology. The outlet of the Slide Creek culvert is perched ~ 8 ft. above a shallow pool with heavily eroded approach fills on each side. The Straight Creek culvert was plugged during a 1995 flood event & cut a new channel through the adjacent road fill. The new incised channel is a barrier to all fish life-stages. The Burns Creek culvert is still intact, but is undersized for amount of flow & debris produced & too steep to allow fish passage. This project will involve replacing the FS 7020 culvert at Slide Creek with a 45' long concrete bridge & removal of the culverts & associated fill material within the bankfull widths of Straight & Burns Creeks on FS 7021. The stream banks of Straight & Burns Creeks would be revegetated with weed free mulch, red alder saplings, & conifer saplings. This project will result in improved passage of salmonids at all life-stages & open 2.5 miles of potential refugia. Both chinook & native char (bull trout & Dolly Varden) are present in the mainstem Greenwater River adjacent to confluences of the streams mentioned above, & listed as "threatened" under the Endangered Species Act.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1876	WA IAC	South Puget Sound SEG	Anderson Lake Creek Barrier Removal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$75,485.00	Puget Sound

Project Description

The project involves replacing a barrier culvert located near the town of Allyn in Mason County. The existing culvert lies beneath Sherwood Drive and will be replaced with a bottomless structure to provide unrestricted fish passage at all stream flows. The culverts restricts passage to all of Anderson Lake Creek since it is located within 200 feet of the mainstem Sherwood Creek. Fish species benefiting from this project include coho, chum, winter steelhead, resident and coastal cutthroat. The South Puget Sound Salmon Enhancement Group will be the lead on design/engineering and implementation with Mason County Dept. of Public Works and Dept. of Community Development providing design review and construction supervision. In addition to the culvert replacement, we will plant conifers on sites along the stream to provide a source of LWD recruitment in the future as well as placing LWD structures in areas lacking in stream cover (to be determined through a habitat assessment of the stream). The Allyn Salmon Enhancement Group (local community organization) will be performing spawner surveys to determine utilization above the new structure (the group has received training through WDFW to perform surveys). The SPSSEG will also work with WDFW and the Squaxin Island Tribe to develop a comprehensive monitoring plan (at least) 5 years that will include assessments of adult and juvenile utilization as well as habitat surveys of instream structures and riparian vegetation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1264	WA IAC	Kitsap County Parks and Rec	Barker Creek Corridor Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 -	Salmon Habitat Protection and Restoration	\$761,000.00	\$0.00	Puget Sound

Project Description					
<p>Barker Creek, located on the Kitsap Peninsula, with headwaters at Island Lake flows primarily through large undeveloped and single family parcels, emptying into Dyes Inlet. This project will purchase 54 acres of conservation easements and 50 acres of real property along this stream corridor. The acquisitions constitute phases 2 and 3 of a 4-phase project which began with the purchase of Three Springs property in 2000. This parcel, considered a cornerstone of the project, contributes 13% of the total streamflow of Barker Creek. Purchase of the parcel was contingent on an agreement that the local community pursue protection of the entire riparian corridor. This proposal constitutes their effort to meet that requirement. The proposal was initiated and developed by the Chums of Barker Creek, a 501(c)(3) organization incorporated in 1993 for the purpose of protecting and enhancing the salmon stream and its habitat. The area is heavily forested with cedar, Douglas fir, deciduous trees and a lush ground cover of rainforest vegetation. Salmonids to benefit from the acquisition project include chinook, chum, coho, steelhead and cutthroat. Numerous migratory and resident birds utilize the corridor for nesting and feeding. Problems addressed by this proposal include effects of logging activities, a rapidly developing urban growth area, and increased taxes which could force some landowners to sell land they would otherwise prefer to preserve.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1218	WA IAC	Cowlitz County of	Baxter Creek Culvert Replacment Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JAN-03 -	Salmon Habitat Protection and Restoration	\$447,100.00	\$0.00	Lower Columbia

Project Description					
<p>This project will replace a fish barrier culvert with a bottomless arch culvert and natural channel. The project is located at Baxter Creek (type 3 stream, 3.5 square mile basin), about ½ mile upstream of the confluence with Arkansas Creek (type 1 stream). Salmon recovery in the Arkansas Creek watershed is supported by the Arkansas Creek Watershed Management Plan (Cowlitz County Conservation District, 1995), which includes improved agricultural and forest practices, and the replacement of another fish blockage culvert at Monahan Creek (scheduled for 2002). According to the Salmon And Steelhead Habitat Limiting Factors - Water Resource Inventory Area 26 (Washington State Conservation Commission, 2000), Baxter Creek is used by coho and winter steelhead (wild, federally listed stocks). According to the Baxter Creek Fish Habitat Assessment (David Evans and Associates, 2001), there is about 5 miles of quality spawning and rearing habitat upstream of the culvert in the mainstem of Baxter Creek and its tributaries. According to the habitat survey, coho and other salmonid fingerlings were observed downstream of the culvert in much greater numbers than upstream. No coho were identified upstream of the culvert. This suggests that the culvert may be a complete barrier to adult and juvenile coho. Removal of this blockage would be a big step towards salmon and steelhead recovery for this watershed and the broader Lower Cowlitz River Subbasin of WRIA 26.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1236	WA IAC	Thurston Co Cons Dist	Beatty Creek Barrier Removal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$243,750.00	\$0.00	Washington Coastal

Project Description

The project objectives are to remove one spillway and two culvert, excavate accumulated sediments, and to install an 80 foot long by 14 foot wide steel fabricated bridge. The pond and stream will be excavated to allow habitat restoration. Stream-bed controls will be installed at a 5% slope from the downstream channel, through the pond and 100 feet upstream of the pond. Total length of channel restoration is 300 feet. Riparian planting will restore vegetation. This project will restore stream and riparian habitat for the passage of salmonid. The removal of these obstacles would make approximately 1.33 miles of stream available to coho, steelhead, and cutthroat. The removal project would take place at the intersection of Beatty Creek and Arneson Lane. Currently, the two culvert are impassible to salmonid due to steep slope, insufficient water capacity for peak flow events, and a total drop of 10.5 feet. This spillway is depriving the downstream channel of crucial gravel and debris recruitment necessary for suitable salmon habitat. Furthermore, it has altered the upstream system by creating a small pond, where sediment is accumulating. The participating members of this project are the Thurston Conservation District, Washington Department of Fish and Wildlife, and the adjacent landowners. The construction of the removal project will take place in the summer of 2002. However, after removal, it will likely take 6 to 8 years of flooding for the creek to fully recover.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1681	WA IAC	Okanogan Co Conservation Dist	Beaver Creek Fish Passage Barrier	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$203,024.00	\$0.00	Upper Columbia

Project Description

A 1998 WDFW survey identified 78 full and partial fish passage barriers in the Beaver Creek Drainage. We propose amelioration of 5 of these barriers, beginning with the first barrier found upstream from the mouth. The barriers have been created by the continued need for revetment of irrigation diversion check dams to provide water levels necessary to convey water into diversion ditches. We propose to remove 4 of the dams, and replace them with instream structures that will alter the stream geometry to create hydraulic conditions that fall within the swimming and jumping capabilities of salmonids. A fishway is proposed to allow passage over the permanent concrete diversion dam. One of the diversions is being replaced with a well, and instream work will be to restore the natural stream morphology within the region. The Habitat Limiting Factors Report for the Methow Watershed (WA Conservation Commission, 2000) ranked restoration of fish passage and screening of water diversions second only to the protection of properly functioning habitat. The limiting factors report also specifically identified lack of access to spawning and rearing habitat as limiting in the Beaver Creek drainage. Techniques that improve conditions favoring high survival and abundance through critical stages, thus increasing carrying capability, should benefit the resource, particularly under conditions of exploitation of stress from human or environmental factors.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1838	WA IAC	Tulalip Tribe	Beckler Road Decommissioning	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 -	Salmon Habitat Protection and Restoration	\$215,000.00	\$0.00	Puget Sound

Project Description

This project decommissions 24 miles of roads within the Beckler watershed, located 50 miles east of Everett within the Skykomish Basin. Decommission treatments range from total removal of the road prism and complete recontouring of the hillside to approximately a natural slope, to some combination of removing culverts, removing unstable road fill, scarifying road beds, and waterbarring. Work also includes stormproofing 15 miles of road that are to be retained that currently deliver sediment to streams. The objective is to largely restore and stabilize slopes that are currently contributing sediment to salmon bearing streams (including the Beckler and Rapid Rivers) through surface erosion, and/or have high risks of contributing very large volumes of sediment through mass failures associated with the current road system. The anticipated product would be a largely self-maintaining drainage system. The work is spread over several square miles (see project map). This project would benefit chinook salmon and bull trout, as well as several other salmon and trout species within the watershed. Direct, near-term benefits will occur through the reduction of ongoing chronic delivery of sediments into otherwise valuable chinook and bull trout habitat. When combined with previous restoration work already completed by the USFS, this key project will greatly help restore the Beckler watershed to the refugia its capable of being.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1836	WA IAC	Pierce Co Conservation Dist	Birch Street Barrier Removal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 - 06-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$94,000.00	Puget Sound

Project Description

This project will remove a barrier culvert located on Birch Street and the west fork of Hylebos Creek, and replace it with a structure that will allow fish passage for all species and life stages. Habitat surveys conducted by WDFW have revealed 9,138 meters of potential spawning and rearing habitat, providing immediate and long-term benefits to salmon. Habitat made accessible by this project will be suitable for Chinook, coho, chum salmon, steelhead, and sea run cutthroat. The project was identified in the Pierce Conservation District Culvert Inventory for WRIA 10. The Pierce County fish passage committee consisting of PCD, WDFW, Puyallup Tribe and Pierce County SWM considered this site a priority project. Re-establishing fish passage will not only provide additional habitat for salmonids but will also have other benefits, including transport of marine nutrients upstream - salmon carcasses. Construction of a properly sized structure will also enhance downstream migration of streambed load increasing diversity of substrate size and quality of downstream spawning habitat. Finally, woody debris will be allowed to migrate downstream to provide cover for fish and enhance channel diversity. Federally listed species potentially benefiting from habitat made accessible by this project include the Puget Sound Chinook salmon. The PCD will be partnering with the City of Milton, South Puget Sound Enhancement Group, and the Puyallup Tribe.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1730	WA IAC	Skagit Conservation Dist	Bishop Easement and Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$132,819.00	\$0.00	Puget Sound

Project Description

The project objectives are to restore and protect in perpetuity critical and preferred salmon habitat on 35 acres along the mainstem of the Skagit River. Target stocks include Puget Sound Chinook and Coho. The SCD will work in partnership with the Natural Resources Conservation Service to acquire a permanent easement, exclude livestock, and plant native riparian and upland vegetation. Past agricultural and forestry practices have contributed to lack of riparian vegetation, impairments to water quality, and alterations to floodplain hydrologic and channel conditions, thus having a negative impact on salmon habitat. Anticipated benefits as the property returns to natural habitat conditions include the following: reduction of water temperature; restoration of historic floodplain hydrologic conditions; future large woody debris recruitment; increased bank stability; return to natural sediment inputs; and the preservation of a natural channel migration zone. The Skagit Watershed Council endorsed this project as consistent with its salmon recovery strategy. The project builds upon the success of nearby conservation projects of other SWC member organizations, including fee-simple acquisition and permanent easements.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1744	WA IAC	Skagit Fish Enhancement Group	Boyd Pond Fish Passage Improvement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$56,356.00	\$0.00	Puget Sound

Project Description

This project will restore access for salmon into an overflow channel and pond area of the Sauk River. The pond was created and later abandoned by the Department of Fish & Wildlife. A concrete berm with a spillway currently blocks access about 500 meters upstream from the Sauk River. A fishway will be built to allow fish access around the spillway. Approximately 12,000 square meters of quality rearing habitat is upstream of the spillway, as well as several tributaries that offer excellent spawning habitat. The project will provide much needed rearing habitat for a multitude of species including: Pink, Coho, Cutthroat, Bull Trout and Chinook. The Sauk River has been recognized for its high quality, intact salmonid habitat. The Sauk River is the largest tributary of the Skagit River entering near the town of Rockport at river mile 67. Its watershed covers almost 200,000 acres in WRIA 04. Approximately 80% of the watershed is National Forest lands. The only major community near the work area is the town of Darrington with approximately 1,100 residents. Protecting and restoring fisheries habitat in the Sauk watershed is considered a priority by the 1996 Watershed Analysis because of its important refugia habitat for wild salmon stocks. As areas in the lower Skagit suffer from increasingly more impacts, there is increased importance in preserving and enhancing intact salmon habitat existing in the Sauk region.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1711	WA IAC	North Yakima Conservation Dist	Buchanan Ranch Restoration Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	05-FEB-01 -	Salmon Habitat Protection and Restoration	\$233,652.00	\$0.00	Yakima

Project Description

This project represents an opportunity for successful Salmon and Habitat recovery in the semiarid environment of Eastern Washington. The restoration of this site will provide rearing and spawning habitat for S. Steelhead, Coho, Sp. Chinook, Rainbow, Cutthroat & Bull Trout. This project will also serve as NYCD's model to the Districts' private landowners for future multi-entity planned and assisted Salmon recovery activities. The project area is located at the mouth of the Wenas Creek and is connected to the Yakima River at R.M. 122 4R. It extends NW through a 320 acre working cattle ranch for 7/8 of a mile. The stream has been void of vegetation for 50 years and is in poor condition. The stream has no horizontal or vertical control and the associated flood plain (100 acres) has become drained. By implementing rootwads, j-hook vanes, cross vanes, brush mattresses, meander reconstruction and native plant revegetation, instream and riparian habitat functions will be restored. In turn these will reconnect the floodplain to the riparian areas and maximize the Project's potential.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1345	WA IAC	King Co Water & Land Res	Carey Creek Ranch - Issaquah Waterways	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$60,000.00	\$0.00	Puget Sound

Project Description

The Carey Creek Project is located in the Issaquah Creek Basin downstream of SR18 and upstream of the confluence of Carey and Holder Creeks. Carey Creek is identified as a core area for chinook production in WRIA 8. The target area (10 acres) has large amounts of large woody debris (LWD), a wide forested riparian zone, great pool - riffle ratio, an elk herd, and freshwater mussels. This project's goal is to protect through a conservation easement as much of the forested riparian area and adjacent uplands as possible. Carey Creek is a headwater tributary of Issaquah Creek. Carey Creek provides great salmonid habitat conditions to endangered chinook salmon, which spawn in the fall. Maturing second growth forest surrounds Carey Creek contributing to the great instream salmonid habitat. The cool clear water provides suitable habitat for many salmonids including chinook, coho, steelhead, sockeye, kokanee, cutthroat, and potentially bull trout. The importance of protecting this portion of Carey Creek with all the fabulous instream salmonid habitat is that it can serve as a reference site and as a core area from which to add other adjacent properties. The natural resources occurring in this area are identified in the 1993 Issaquah Creek Basin Plan and the 1998 Issaquah Creek Waterways Conservation program. Preserving this initial property on lower Carey Creek will hopefully motivate other adjacent property owners to participate in conservation efforts along the stream.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1909	WA IAC	Clark County Public Works	Cedar Creek At Amboy Road	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 - 08-JUL-03	Salmon Habitat Protection and Restoration	\$220,492.00	\$0.00	Lower Columbia

Project Description

The project is located in the Lewis River Watershed and is just north of the Town of Yacolt. The project consists of replacing the culvert on Cedar Creek under Amboy Road. This mainstem culvert is a seasonal barrier to fish passage. The replacement culvert will have a much wider span and be filled with streambed rock allowing natural stream characteristics to develop within the culvert. Removal of this barrier will open 4 miles of quality habitat and will enhance rearing and spawning opportunities leading to an increase in survival and reproduction rates for salmon. The Salmon and Steelhead Habitat Limiting Factors, WRIA 27 states that "Cedar Creek provides the majority of spawning and rearing habitat left in the Lewis River system for coho and steelhead". In addition, the WDFW has a draft set of goals for Cedar Creek to protect, restore, and enhance the production and diversity of salmonids in the area. These goals include fish movement into new habitat. Steelhead, coho, and sea-run cutthroat trout are known to utilize the project area. Steelhead are listed as threatened, coho are candidate species, and the sea-run cutthroat are proposed for listing. In addition, there may be chinook salmon present in the vicinity of the project. Chinook is listed as threatened. All four species are considered "depressed" by the WDFW.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1899	WA IAC	Fish First	Cedar Creek Tributary at Cedar Creek RD	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-MAR-01 -	Salmon Habitat Protection and Restoration	\$85,763.00	\$0.00	Lower Columbia

Project Description

The project is located in the Lewis River Watershed and is near the town of Amboy. The project consists of removing one culvert that is no longer needed and replacing a second culvert that is under Cedar Creek Road. Both culverts are seasonal barriers to fish passage. The replacement culvert will have a wide span and filled with streambed rock allowing natural stream characteristics to develop within the culvert. Removal of these barriers will open 1.5 miles of high quality habitat and will enhance rearing and spawning opportunities leading to an increase in survival and reproduction rates for salmon. The Salmon and Steelhead Habitat Limiting Factors, WRIA 27 states that "Cedar Creek provides the majority of spawning and rearing habitat left in the Lewis River system for steelhead and coho". In addition, the WDFW has a draft set of goals for Cedar Creek to protect, restore, and enhance the production and diversity of salmonids in the area. These goals include fish movement into new habitat. Steelhead, coho and sea-run cutthroat trout are known to utilize the project area. Steelhead are listed as threatened, coho are candidate species, and the sea-run cutthroat are proposed for listing. In addition, there may be chinook salmon present in the vicinity of the project. Chinook is listed as threatened. All four species are considered "depressed" by the WDFW.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1904	WA IAC	Clark Conservation District	Cedar Creek Watershed Riparian Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-01 -	Salmon Habitat Protection and Restoration	\$174,558.00	\$0.00	Lower Columbia

Project Description

The importance of Cedar Creek, a tributary to the North Fork Lewis, is stated in the WRIA 27 Limiting Factors Analysis (LFA). "The Cedar Creek watershed provides the majority of spawning and rearing habitat left for coho, steelhead, and cutthroat trout in the North Fork system. Protection and enhancement of this basin is critical." Within this watershed, Clark Conservation District is proposing a program to exclude livestock from streams, provide alternate livestock water, revegetate the riparian areas and protect wetlands along the North and South Forks of Chelatchie Creek and Cedar Creek between Amboy and Pup Creek. Our objective is to contact landowners along these reaches, explain the project and enlist their participation. This project addresses many recommendations from the LFA, written to help direct our actions to best benefit habitat and water quality. For instance, substrates within the system are cemented with fine sediments reducing the available spawning habitat. This may be alleviated by reducing fine sediment input to the Cedar Creek system. LFA recommended actions include fencing livestock from streams and replanting degraded riparian areas providing shade, reducing water temperatures, and speeding recruitment of conifers for future supply of large woody debris. Also proposed is protection of wetlands, springs and off-channel habitats in the Chelatchie system, important in providing rearing areas for salmonid juveniles and good water quality.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1798	WA IAC	Fish & Wildlife Dept of	Chimacum Estuary Habitat Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-01 -	Salmon Habitat Protection and Restoration	\$469,981.00	\$0.00	Puget Sound

Project Description

Estuarine and nearshore habitat loss is an identified factor for decline of summer chum, and ESA-threatened species. The project site is an industrial fill located in the Chimacum Creek estuary and adjacent intertidal nearshore area along 2,000 feet of shoreline. Industrial activities have ceased, and the site has undergone a cleanup. The project will provide 1) restored conditions in the Chimacum estuary, one of 20 identified subestuaries in the summer chum ESU, and 2) 13 acres of restored intertidal nearshore habitat along 2,000 feet of shoreline located on the migration corridor of all Hood Canal and many Puget Sound anadromous salmonid stocks. Restoration will be accomplished by removing all non-native fill and relocating clean native fill (sandy marine sediment) against the upper edge of intertidal zone where it will recruit into the marine drift cell. This will restore tidal inundation to the site and provide marine sediment to nourish nearby shoreline features, including the Chimacum Estuary spit. Thereafter, the natural processes of wave and tidal action, unconstrained fluvial discharge, and sediment movement will occur unimpeded upon the restored site, producing stable, productive habitat. Summer chum, coho, steelhead, and cutthroat inhabit Chimacum Creek. These fish, along with all anadromous salmonid stocks originating in Hood Canal and many Puget Sound stocks, will benefit from the project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1750	WA IAC	Chelan County Public Works	Chumstick Creek Barrier Removal	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$370,372.00	\$0.00	Upper Columbia

Project Description

Chelan County is proposing to replace an existing culvert on North Road that currently precludes passage for spring Chinook and bull trout, and partially blocks steelhead, preventing healthy populations of ESA-listed threatened and endangered salmonids and other migratory fish species to 78 square miles of quality spawning and rearing habitat in the Chumstick Creek watershed. The project will complement US Fish and Wildlife Service (USFWS) and Chelan County Conservation District culvert removal projects upstream of the North Road crossing, and the Yakima Indian Nation's proposal to reintroduce Coho to Chumstick Creek. The new culvert will be a large, structural plate pipe countersunk with stream bed material and more than 100 feet shorter than the existing crossing, which is a fish passage barrier during low flows due to steep gradient and inadequate water depth and at high flows due to high velocities and excessive pipe length. The USFWS, Washington Department of Fish & Wildlife (WDFW), and Bonneville Power Administration (BPA) biologists and fish passage specialists have reviewed the project and all reviewers have indicated a high feasibility of project success. The USFWS and WDFW will monitor the project during and after construction. The money requested would supplement partial funding that has been committed through Chelan County and through grants awarded by Washington State Local Programs, BPA, and Washington State Governor's Salmon Recovery Office.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1835	WA IAC	Pierce Co Conservation Dist	Coal Mine Creek Fish Passage Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 - 15-NOV-01	Salmon Habitat Protection and Restoration	\$0.00	\$67,680.00	Puget Sound

Project Description

This project will provide unimpeded fish passage to the headwaters of Coal Mine Creek (WRIA 10.042A). This project will remove two passage barriers and replace them with structures that will allow passage for salmonids at all life stages. Approximately 350 linear meters of habitat will be made accessible by this project, including 202 square meters of spawning habitat and 1083 square meters of rearing habitat (PCD habitat assessment survey, 2000), providing immediate and long term benefits to salmon. Stable spring fed flows and a network of wetlands above the barriers will provide critical rearing habitat for all species. Coal Mine Creek is one of WDFW's index streams for coho spawning escapement in the Puyallup River Basin. This right bank tributary is part of the Wilkeson Creek drainage, which is regarded as one of the most productive creeks in the basin. The WDFW Priority Index Number for this site is 13. Habitat made accessible for this project will be suitable for wild chinook and coho salmon, steelhead, and sea-run/resident cutthroat. Re-establishing fish passage will have other benefits, including transportation marine nutrients upstream i.e. salmon carcasses. Construction of a properly sized structure will enhance downstream migration of stream bed-load, increasing diversity of substrate size and quality of downstream spawning habitat. Finally, woody debris will be allowed to migrate downstream to provide cover for fish and enhance channel diversity.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1344	WA IAC	King Co Water & Land Res	Cold Creek Natural Area	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$289,000.00	\$0.00	Puget Sound

Project Description

The Cold Creek Project will protect 5.6 acres, adding to 157 acres that have already been protected within the 300-acre Cold Creek Natural Area. The Natural Area is an important headwaters area for Cottage Lake Creek in the Bear Creek Basin and consists of many groundwater springs, diverse wetland classes, salmonid streams, and forest cover. This project's goal is to permanently preserve vacant forested parcels of land in the Natural Area. Cold Creek is the largest of many groundwater springs in the Natural Area, which provide a constant source of cold water to Cottage Lake Creek. This water is 5-7 degrees C colder than Bear Creek and helps provide vital habitat conditions to federally ESA listed chinook salmon, which spawn in Bear and Cottage Lake Creeks each fall. This cold spring water is a significant component of the Bear Creek contribution of cooler water to the temperature-impaired Sammamish River. Chinook, coho, kokanee, and cutthroat salmonids spawn and rear in Cold Creek and other streams in the Natural Area. The cold water temperatures in Cold Creek also make it potential habitat for the federally ESA listed Bull Trout. The importance of protecting the natural processes occurring in this area are identified in the Bear Creek Waterways 2000 program and the Bear Creek Basin Plan. The two parcels targeted in this application are on Cold Creek and are vacant forested parcels threatened with clearing and residential development.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1731	WA IAC	Skagit Conservation Dist	Daniels Acquisition and Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$293,860.00	\$0.00	Puget Sound

Project Description

The project objectives are to restore and protect in perpetuity critical and preferred salmon spawning and rearing habitat on 85 acres along the Samish River and two of its tributaries. Target stocks include coho. The Skagit Conservation District will work with SWC partners to purchase the property and plant native riparian and upland vegetation. Past agricultural practices have contributed to a lack of riparian vegetation, impairments to water quality and alterations to floodplain hydrologic and channel conditions, thus having a negative impact on salmon habitat. Anticipated benefits as the property returns to natural habitat conditions include the following: reduction of water temperature and excess nutrient inputs, restoration of historic floodplain hydrologic conditions, future large woody debris recruitment, increased bank stability and subsequent decrease in sedimentation, and the return of a natural channel migration zone. The Skagit Watershed Council endorses this project as consistent with its salmon recovery strategy. This project builds upon the success of nearby Riparian Habitat Program easements and restoration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1718	WA IAC	Skagit Land Trust	Day Creek Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 -	Salmon Habitat Protection and Restoration	\$126,046.00	\$0.00	Puget Sound

Project Description

Skagit Land Trust, a private non-profit land conservation organization, proposes to purchase 50 acres in two contiguous parcels of riparian habitat in the lower Skagit River watershed. This will permanently protect 50 acres of riparian area and associated floodplain currently in excellent natural condition near the mouth of Day Creek and the Skagit River. It includes approximately 3,200 linear feet of shoreline and 40 acres of diverse undisturbed woodland laced with old channels and wetlands. Day Creek was historically considered one of the most important spawning tributaries for the lower Skagit Fall Chinook stock. This stock is considered to be in the worst condition of any Skagit River stock, and is classified as depressed. Day Creek has the potential to recover much of its historic productivity, which could be key to recovery of this stock. The proposed acquisition is adjacent to Lyman Islands, 300 acres, acquired by the US Forest Service for protection through the federal Wild and Scenic River Program. Protection of this additional area will build a larger core protected area in a portion of the Skagit River that has experienced significant degradation from agricultural uses and residential development. To further expand the protection of this important area, the Trust will be working with its partners to encourage other nearby landowners to also conserve their lands.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1583	WA IAC	Lower Elwha Klallam Tribe	Deep Cr & SF Pysht Riv LWD Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Habitat Protection and Restoration	\$619,675.00	\$0.00	Puget Sound

Project Description

This proposal involves large woody debris (LWD) projects in WRIA 19 streams that have had previous similar projects. In Deep Creek, we propose to construct 6 channel spanning logjams using ground-based equipment between river mile 0.2-1.3. The logjams will use multiple sizes of large wood to mimic the natural condition in this floodplain migration channel. Logjams will be constructed in plain bed morphology habitats. The logjams will slow water velocities through backwatering, while providing boundary conditions that increase local sheer stress on the channel bed resulting in scour pool development. Habitat diversity is expected to increase at logjam sites as plain bed habitats evolve to those seen in pool-riffle type channels. Habitat quality will also increase as pool area expands and complex cover is provided. This proposal represents the fifth and final in-channel habitat restoration project conducted on Deep Creek by the Tribe since 1997. Two watershed analysis documents (1995/2002) have been completed and are guiding restoration efforts in Deep Creek. For the SF Pysht, we propose to add LWD using both ground based and helicopter assisted placement techniques. LWD will be placed as free key pieces and as constructed logjams. Plain bed channel reaches will be targeted for placement in river mile 0.0-0.5, 0.8-3.5, and 4.0-5.5. These are the remaining untreated reaches following previous cooperative restoration projects between Merrill & Ring and the Tribe.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1743	WA IAC	Skagit Fish Enhancement Group	Deepwater Slough Revegetation	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$32,161.00	Puget Sound

Project Description

SFEG is proposing to remove approximately 10,000 m2 of invasive plant species (primarily himilayan blackberry & Japanese knott weed) along the right bank of the newly restored section of Deepwater Slough, along the dike toe outward on that side & other small areas. The invasive species out compete native species making it difficult for the natives to recolonize this restoration area. SFEG will mow the invasive species once per month for the length of summer & then treat the area with herbicide (rodeo) in Oct before going dormant for the winter. The affected area will then be replanted with native species in the fall & spring following treatment. The project calls for a second year of intensive treatment of the invasive plants in order to establish native plants. The goal of the Deepwater Slough Restoration Project, which was completed in the summer of 2000, was to restore natural processes, functions, conditions & biological responses within 204 acres of the project area. To achieve this goal dikes were removed to restore river & tidal influence & inundation to the restored part of the project area. Initial monitoring and adaptive management has identified invasive species as a persistent problem surrounding the removal & construction of one of the dikes for the Deepwater Slough restoration project. Current funding for this Deepwater Slough project as a whole does not allow for such activities as invasive plant species control.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1914	WA IAC	Chelan County Public Works	Entiat River Road Barrier Removal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-JUN-01 -	Salmon Habitat Protection and Restoration	\$97,235.00	\$0.00	Upper Columbia

Project Description

This project will replace an existing fish block culvert on Chelan County Road #94470 (Entiat River Road) with a bottomless arch thereby allowing Steelhead and juvenile spring ChinookSalmon immediate access to one half mile of properly functioning rearing habitat in lower Stormy Creek, a significant, perennial tributary to the mid-Entiat River. This project will provide lower high water velocities, remove a hydraulic step and provide resting pools for migrating fish. It will also provide the impetus to correct fish passage problems at two additional upstream culverts, ultimately opening up a total of 2.0 miles of rearing habitat in Stormy Creek. The mid-Entiat River provides the majority of anadromous spawning habitat within the sub basin. The Entiat River is one of four upper Columbia River tributaries that support anadromous Pacific salmonids. This application is being submitted because the cost of this project is presently beyond the means of Chelan County. The project is supported by a variety of cooperators including Chelan County, Chelan County Conservation District, Entiat ESHB 2514 Planning Unit, Washington Department of Ecology, WDFW, USDA Forest Service, Washington Conservation Corps and U.S. Fish & Wildlife Service. Several recent analyses culminating in the WCC Limiting Factors Analysis (1999) have identified this project and project area as a high priority to address the primary limiting factor, lack of juvenile rearing habitat in the Entiat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1723	WA IAC	Skagit Conservation Dist	Finney Road Phase 1 Erosion Control	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-JAN-01 -	Salmon Habitat Protection and Restoration	\$390,000.00	\$0.00	Puget Sound

Project Description					
<p>SCD is partnering with the USFS on a sediment reduction project, Finney Roads Phase 1, that consists of road upgrades (culvert replacement and fill stabilization), roads put into storage (pull culverts, stabilize fills and water bars), road decommissioning (pull culverts, stabilize fills, remove road prism where needed for stability and water bar). This project is designed to reduce the risk of road failure, erosion, and sediment production and their negative effects on Finney Creek and the Skagit River. Finney Creek, once a WDFW index stream for Chinook, has 11.5 miles of anadromous fish habitat and 11 miles of resident fish habitat. Finney Creek is currently recommended for listing on WDOE 303 (d) for elevated temperature. This is a target area for the Skagit Watershed Interim Restoration Strategy (2000). Watershed restoration in Finney Creek began on Federal lands in the mid 1980's. Thirty-three miles of Forest Service high risk road have been treated since 1986. Private landowners have also been addressing the problems in Finney Creek through a basin wide approach to restoration. Expected results: Water quality will improve and the risk of landslides/sediment delivery will be reduced. This will reduce the potential for erosion, scour, and sediment associated with the existing situation. Better spawning, rearing, and holding habitat conditions for salmon and other aquatic species will result.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1278	WA IAC	Kitsap County Public Works	Glud's Pond Fish passage Improvements	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-MAY-03 -	Salmon Habitat Protection and Restoration	\$830,872.00	\$0.00	Puget Sound

Project Description					
<p>WDFW has identified two culverts under Brownsville Hwy. and one adjacent to the Hwy. as complete barriers to chum, coho salmon and sea-run cutthroat trout, listing this project as Priority #2. In addition, a private flow diversion structure located at the upper end of the project site creates adverse conditions for migrating fry/smolt. This project will realign the South Fork of Steele Creek through the Glud's Pond area. Both ponds will be removed and replaced with a meandering stream channel. The proposed channel will be located on the west side of Brownsville Highway discontinuing the use of both barrier culverts. The total channel length will increase by 40' and the width will average 12'. A series of three log sills will be used to provide grade control and allow fish passage. The restored channel will have a gradient of 1.25 percent in the reaches without log sills and a slope of 5% in areas with log sills. Alternating grades will provide reaches where fish can rest. Small plunge pools will be located below each log sill with woody debris located at meander bends to enhance instream habitat. The project is located in the vicinity of the Gluds Pond St./Brownsville Hwy. intersection, in northeast Central Kitsap County. Project activities include design, land acquisition and construction to realign and restore the South Fork of Steele Creek with a meandering stream channel. Coho, chum salmon and sea-run cutthroat trout are the target species for passage.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1214	WA IAC	Chelan/Douglas Land Trust	Icicle/Wenatchee Habitat Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$1,337,800.00	\$0.00	Upper Columbia

Project Description

The Chelan-Douglas Land Trust seeks to acquire and permanently protect the wetland and riparian complex at the mouth of the Icicle and Wenatchee Rivers. This 50-acre site is the second largest area of undeveloped floodplain on the lower Icicle and is one of the most important salmonid spawning and rearing areas in the region. This area contributes to habitat used by endangered spring chinook, endangered steelhead, threatened bull trout, fall chinook, cutthroat trout, and the most important remaining run of Columbia Basin sockeye salmon. This area is subject to rapid and extensive habitat modification due to development pressure in the Leavenworth area. If this property is not acquired now it will be far more expensive or unavailable in the future. Protection of this site would also complement and enhance an adjacent 22-acre site owned by the Dept. of Fish and Wildlife. Additionally, because of the proximity of this site to Leavenworth, and the potential development of an Audubon Learning Center in Leavenworth, this property has the potential to become an important area for environmental learning and study. The Chelan-Douglas Land Trust will work closely with WDFW, USFWS, Trout Unlimited, Icicle Canyon Coalition, WDOE, the Yakama Nation, the City of Leavenworth, the Audubon Society, and many other groups to monitor, steward, and improve this site.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1802	WA IAC	Hood Canal SEG	Indian George Creek Estuary Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 - 29-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$238,256.00	Puget Sound

Project Description

Indian George Creek flows into the west side of Quilcene Bay, one mile south of the mouth of the Big Quilcene River. The 1.7 mile long stream was once associated with a significant estuary, 7 to 8 acres in size. Nearly 50 years ago the stream was channelized directly into Quilcene Bay and access roads were constructed across the upper part of the estuary and its outlet, which disconnected the stream from its estuary. The goal of this projects is to restore estuary function and values by eliminating 250 lineal feet of parking lot fill and removing three derelict barges to restore the tidal prism and estuary habitat. This will allow wave energy full access to the estuary to remobilize sediments from the fluvial into the marine system. Properly functioning estuaries have long been recognized as very productive aquatic environments. Summer Chum and Cutthroat also inhabit this system. The Hood Canal Salmon Enhancement Group is partnering with the Washington State Department of Fish and Wildlife to design, construct and manage this important project. Previously, the Jefferson Conservation District, Wild Olympic Salmon and the Quilcene-Snow Restoration Team completed Phase I, the upstream habitat restoration portion. It is now critical to complete Phase II of this project by restoring the estuary function.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1343	WA IAC	King Co Water & Land Res	Jones Bend Reach - Cedar River	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$255,000.00	\$0.00	Puget Sound

Project Description

This project consists of acquiring habitat along the lower Cedar River. The target parcels total 7.5 acres within the overall 35 acre reach which extends from RM 8.4 to 9.2. Chinook surveys conducted in 1999, 2000, and 2001 documented chinook redds throughout this reach. A 75-acre protected area exists opposite the target parcels and through additional land acquisition, this project helps further the goal of protecting habitat-forming processes. The Cedar River supports the only documented run of native chinook in the WRIA. In addition, the Cedar provides habitat for sockeye, coho, steelhead, and resident trout. This site was selected by the Cedar River Council (CRC), a local group whose mission includes salmon habitat protection. A subcommittee of the CRC ranked this as the #1 reach for the year 2000 prioritization process. This project takes a reach approach to continue acquisition of high value salmonid habitat along the lower Cedar River mainstem, a "core" area of WRIA 8 as identified by the WRIA 8 Technical Committee. The reach approach acknowledges that protection of salmonid habitat is most effective in the long run at a geographic scale larger than that of a single parcel or non-contiguous parcels. The strategy is to focus on the overall reach and achieve protection of the reach a few parcels at a time.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1768	WA IAC	Fish & Wildlife Dept of	Koonz Creek Towne Barrier Removal	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 - 03-JUN-03	Salmon Habitat Protection and Restoration	\$250,000.00	\$0.00	Puget Sound

Project Description

We are planning to replace a failing culvert and associated fill with a bridge at a private driveway crossing to restore salmonid fish access the entire upper watershed of Koonz Creek. Design work is currently underway with a final plan scheduled for December 2000. After careful evaluation, we determined the bridge option will be the most cost effective solution to meet statute fish passage criteria in this steep gradient reach where the stream is deeply incised with very steep side slopes. The project site is located off 99th Avenue NE from the Grandview Road near Bryant north of Arlington. The project will be sequenced with the bridge being installed first adjacent to the existing crossing followed by removal of the culvert and fill and restoration of the channel and slopes. This method will provide continuous driveway access for residents including emergency vehicles during the expected two month construction period. Coho salmon, steelhead, sea-run cutthroat trout, resident trout and bull trout will be the beneficiary species. Removal of the blockage will recover a measured linear 4.4 miles (7,086 meters) of habitat with a Priority Index of 25.95. Partners include Snohomish Co., Stillaguamish Tribe and affected landowners.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1738	WA IAC	Skagit Fish Enhancement Group	Lake Creek Fish Passage Improvement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$19,053.00	\$0.00	Puget Sound

Project Description					
<p>The proposed project would correct two fish passage problems at an old railroad grade on Lake Creek. One north and one south of McMurray Shores Drive. On the south side, an 8 inch pipe 4 meters in length is installed under this railroad grade. This pipe does not provide sufficient flow to allow for passage of juvenile salmonids. The proposed project would remove this pipe and replace it with a 3' culvert sunk 12". On the north side of the road a 3' culvert would be replaced with a 4' sunk culvert. Lake Creek connects two lakes in Skagit County, Big Lake to the North and Lake McMurray to the south. The creek has a fantastic coho run. Replacing these two blockages will open 7500 square meters of wetland habitat for coho rearing and 1220 square meters of spawning habitat for coho above this rearing area. This project site was identified by Mike Olis with WDFW's SHEAR program. A WDFW Environmental Engineer brought the project idea to SFEG. The project falls within the target area for restoration activities identified by the Skagit Watershed Council's strategic plan. Partnering with WDFW and the Association of General Contractors (AGC) will significantly reduce costs of the project. Volunteer community members will be utilized to perform monitoring activities.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State
01-1219	WA IAC	Lewis County Public Works	Lambert Creek Barrier Removal Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$556,000.00	\$0.00	Lower Columbia

Project Description					
<p>This project is located in Lambert Creek, a tributary of the Cowlitz River near Glenoma, Washington. Our objective is to provide fish passage by removing the existing 8' x 6' concrete box culvert with 6' outfall drop and replace it with a structure that will allow fish to migrate unimpeded. The existing culvert poses a barrier to migrating anadromous fish 90% of the time and is a 100% barrier to juvenile and resident fish. A new precast concrete bridge, designed streambed gravel, log weir grade control, and streamside tree plantings are proposed. Construction would be completed during the fish window of one construction season. Lewis County is conducting visual fish monitoring in spring and fall and will continue for 3 years after construction. In the fall of 2000, an estimated 200+ adult Coho were observed below the barrier. Spring 2001 observations verified fish production with hundreds of fry in the pools below the barrier. The barrier is located 0.24 miles upstream of the confluence with the Cowlitz River. Removal of this barrier will open more than 4,700 meters of high quality spawning and rearing habitat. Currently, steelhead, coho and cutthroat trout are known to use the stream below the barrier. Under the ESA, steelhead trout are listed as a threatened species while both coho salmon and cutthroat trout are being considered candidates for federal listing. All three species are considered "depressed" by the WDFW.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1872	WA IAC	Columbia Land Trust	LCRE Grays River Phase II	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 -	Salmon Habitat Protection and Restoration	\$615,505.00	\$0.00	Lower Columbia

Project Description

The Grays R. is home to 5 species of salmonids: coho, Chinook & chum salmon, steelhead, & searun cutthroat. Chinook, chum & steelhead are listed as threatened, and searun cutthroat is proposed as threatened. The Grays R. supports the strongest remaining run of chum salmon in the Columbia R. ESU. This project will immediately address limiting factors in the Grays R, including flood plain connectivity, bank stability, large woody debris, side channel availability, substrate fines, riparian condition, & temperature. This project conserves 1 mile of riverfront, improving the quality & quantity of habitat for all life history stages of salmonids. This project also benefits all upriver Columbia Basin anadromous fish dependent on the Lower Columbia R estuary for juvenile nursery habitat. There are 3 elements to the proposed project: 1. Acquisition of 145 ac of old growth spruce wetland & 57 ac of associated forested upland along Grays Bay & Secret River. 2. Acquisition & restoration of 200 ac of ditched & diked floodplain at Devil's Elbow, to be reconnected to Grays River. 3. Acquisition of 125 ac of ditched & diked floodplain at Eden Valley. This project restores tidal function to 200 ac of the Grays R estuary by partial levee breaches & culvert removal. Restoring tidal function to the estuary improves water quality within the Grays and Columbia R estuaries. Reconnecting this floodplain with the river improves habitat & water quality as well as increasing the productivity of the basin.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1426	WA IAC	Hood Canal SEG	LeBar Ck Rd Decommissioning/Stabilization	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-APR-02 -	Salmon Habitat Protection and Restoration	\$298,350.00	\$0.00	Puget Sound

Project Description

The goal of the proposal is to minimize road-related delivery of large quantities of coarse and fine sediment inputs to resident and anadromous spawning and rearing habitat in LeBar Creek and the lower South Fork Skokomish River. Objectives are to improve hillslope hydrology and reduce the potential for management-related mass wasting and surface erosion from roads, which have many large stream crossings and unstable fills. Treatments include 7.04 mi. road decommissioning and 12.0 mi. road stabilization. These roads were identified in the Olympic NF Road Analysis as having high/very high risk to aquatic resources. The Skokomish River Watershed Analysis identified roads as the primary cause of sedimentation in the watershed. The anadromous reach of LeBar Creek RM 0 to 0.5 would benefit directly from the project. Species of fish and life history stages utilizing this reach are bull trout -adult and sub-adult holding and overwintering; steelhead -spawning/incubation, juvenile rearing and migration. The remaining 13 miles of the South Skokomish and 9 miles of the Skokomish would indirectly benefit from the reduction of road-related sediment to the river channel. Other salmon and trout species that utilize the lower river are Chinook, coho, summer chum, chum, steelhead, bull trout, and sea-run cutthroat. Life history stage usages of this habitat include: spawning/incubation, juvenile rearing, adult and juvenile migration, over-wintering, and adult holding.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1741	WA IAC	Skagit Fish Enhancement Group	Lorenzan Creek Fish Passage Improvement	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$35,195.00	Puget Sound

Project Description

This project will replace an existing 18" culvert with a bridge to improve fish passage on Lorenzan Creek. Two grade control weirs will also be constructed. Fish passage will be improved for coho and cutthroat trout to 9,725 m2 of habitat above the existing culvert crossing, and 1,725 m2 of this habitat is suitable for spawning and 8,000 m2 is a wetland complex, providing excellent juvenile rearing habitat. This culvert was identified in a '97 survey by WDFW. Twenty-five culverts were identified & prioritized for replacement in this survey. 4 of the 25 culverts inventoried were given high priority for replacement, this culvert is one of those four. It is labeled pipe # 2.1 on the attached inventory map. Skagit County and WDFW partnered in '99 to replace another high priority culvert 100m directly downstream of this private culvert at the mouth of the creek. Replacement of this private culvert will greatly increase the benefits of the Co/WDFW project funded by the SRFB in '99. The project will involve local Boy Scouts in the construction & monitoring phases of the project. Spawning surveys will be conducted by the boy scouts upstream of the newly installed bridge once per week during the spawning season after construction. A local consultant has donated his time to design the bridge replacement through the People for Salmon program. National Fish and Wildlife Foundation is a partner for this project, providing matching funds.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1394	WA IAC	Jefferson Co Public Works	Lower Big Quilcene N Bank Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-APR-02 -	Salmon Habitat Protection and Restoration	\$129,383.00	\$0.00	Puget Sound

Project Description

This project is for land acquisition of 2.5 acres (11 residential lots) on the north bank of the Quilcene River at about RM 0.5. It implements top habitat restoration priorities for the Quilcene River from key salmon recovery plans (the Summer Chum Conservation Initiative and the HCCC Salmon Recovery Strategy). The acquisition moves restoration of the lower Quilcene River a step toward completion, which will improve habitat for threatened summer chum and Puget Sound chinook, along with coho, steelhead and cutthroat. The acquisition will occur at a reach of the Quilcene River heavily used by summer chum salmon for spawning, and links to previous acquisition and restoration that has occurred downstream. The project includes the purchase of three contiguous parcels from three willing landowners, and the demolition of one home. The subject parcels, once acquired, will comprise a portion of nearly continuous public ownership along the north bank from the river mouth to Rogers Street (about RM 0.6). Only two residences will remain on the north bank. After completion of the north bank acquisitions, dike setback/removal can occur, which will reduce high winter velocities, scouring and channel aggradation, improve river-floodplain connections, create habitat complexity, and create support for further salmon restoration and recovery activities in the watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1898	WA IAC	Columbia Land Trust	Lower Columbia R. Estuary: Grays Bay Ph4	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-JAN-03 -	Salmon Habitat Protection and Restoration	\$409,439.00	\$0.00	Lower Columbia

Project Description

The ecological health of the Columbia River estuary is a critical factor in the recovery of every listed salmonid species in the entire Columbia River watershed. The Grays River, located within the estuary, supports the largest population of chum in the Columbia River ESU. The Grays River also supports spawning populations of coho, chinook, steelhead & searun cutthroat trout. This project will restore and protect 100 acres of intertidal emergent and forested wetlands, and it will protect 60 acres of productive shallow water habitat on the Crooked Creek near the confluence of Grays Bay. These habitats are critical to the early life history of every listed salmonid population. The project's close proximity to the Columbia will also benefit juveniles from every listed stock in the upper Columbia watersheds. The following limiting factors will be addressed: floodplain connectivity, large woody debris, riparian condition, and water quality. Restoration will include the removal of a tidegate along the Grays River; the existing dike will be breached in two locations; and historic flood channels excavated to establish historic flow patterns. The overall result of this project will be 160 acres of productive shallow emergent wetlands for nursery areas, forest canopy protection, re-connection of Grays River floodplain, and improved estuarine function. This project complements three previous Salmon Recovery funded protects.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1908	WA IAC	Sea Resources	Lower Columbia/Chinook River Estuary	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$400,000.00	Lower Columbia

Project Description

This project constitutes Phase II of the Chinook River estuary restoration project. Phase I included acquisition and restoration of 872 acres of estuarine wetlands. Phase II will include the acquisition of an additional 230 acres of restorable estuarine wetlands contiguous with the Phase I area. The work will increase the total restoration effort in the Chinook River estuary to approximately 1,100 acres, which is over 80 percent of its original area. The addition of this land will greatly enhance the overall Chinook R. restoration project by reestablishing the hydrologic link between the river channel and the floodplain to the north and to the entire restoration area. Phase II will require the removal of tidegates at the mouth of the Chinook R. as described in the implementation of Phase I project. The Chinook River supports populations of 5 anadromous salmonid species: coho, fall chinook, chum, steelhead, and searun cutthroat trout. Present abundance of all salmonid species in the Chinook River watershed is significantly reduced from historic levels. Chum, chinook, and steelhead are listed as threatened under the ESA and searun cutthroat will soon be listed as well. Loss of estuarine function is considered to be one of the primary reasons for the current status of these populations. Also, recent monitoring has suggested that the Chinook River estuary is likely an important rearing habitat for juvenile salmonids originating from other areas in the Columbia River Basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1387	WA IAC	Skokomish Indian Tribe	Lower Skokomish River Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-MAY-02 -	Salmon Habitat Protection and Restoration	\$223,329.00	\$0.00	Puget Sound

Project Description

Acquire approximately 160 acres of lower river floodplain habitat. Acquisition site includes a large portion of Purdy-Weaver Wetland (PWW) in lower Skokomish Valley, and about a mile of the Skokomish River is available at this time. The Bourgault family is offering to sell the land they own on the south side of the Skokomish River. In 1854, F.C. Purdy arrived at Hood Canal and was the first settler at middle Skokomish. William Bourgault acquired the Purdy farm in the late 40's. The Skokomish borders on the north and east, and the PWW complex is the south edge and flows east to Skokomish. Hay fields and timbered wetlands are between. The people of Skokomish Indian Nation, the first inhabitants, know the value of this property to the health of the Skokomish watershed and Hood Canal. Chinook, chum, coho, cutthroat, and steelhead presently spawn and/or rear in the streams on site. Bull trout are also present in the Skokomish, and it is believed there may be an anadromous population as well. ESA-listed summer chum historically spawned in Purdy Creek, and the Skokomish watershed historically possessed a pink salmon population. A small type 3 stream flows to PWW from the south. Plant and animal communities are diverse and abundant. PWW offers refuge to many types of animals, including the Pacific salmon.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1676	WA IAC	Methow Salmon Recovery Found	Lower Twisp River Side Channel Acq.	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-01 - 12-AUG-03	Salmon Habitat Protection and Restoration	\$0.00	\$239,626.00	Upper Columbia

Project Description

This project proposes to acquire, preserve and restore portions of sensitive side channel habitat adjacent to the Twisp River. Side channel and rearing habitat are identified as limiting factors for Spring and Summer Chinook, Bull Trout, and Steelhead in the Methow Watershed. The property historically provided off-channel rearing and over-wintering for salmon species. This acquisition will permanently preserve and protect approximately 9 1/2 acres of land that provide spawning and rearing habitat for listed and threatened salmon. Acquisition creates opportunity for restoration, enhancement, and educational activities. This project will restore and increase off-channel spawning and rearing habitat for salmon. The project is supported by the Town, landowners and compliments other recovery projects in the Methow Basin. The restoration includes re-connecting the historic river channel through ponds that were developed after the installation of the Corp of Engineers dike in the early 1970's. Stream channels will connect the ponds on the associated properties and to the river on the downstream side and piping of an irrigation canal and new fish screen with fish bypass will be installed on the upstream side to provide more reliable supply of water to the channels.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1230	WA IAC	Umatilla Confederated Tribe	LWD Placement on SF Touchet River	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-OCT-02 -	Salmon Habitat Protection and Restoration	\$189,000.00	\$0.00	Middle Columbia

Project Description

The 8,678-acre Rainwater Wildlife Area was established by the CTUIR in September 1998 under the NPPC Fish and Wildlife Program for the purpose of providing perpetual protection to fish and wildlife resources. Since 1999, CTUIR staff has documented baseline habitat conditions and developed resource objectives through the management plan development process. The Draft Rainwater Wildlife Area Watershed Management Plan (CTUIR, March 2001) documents existing conditions, desired conditions and objectives, and management strategies for achieving DFC's. Key limiting factors for natural production of summer steelhead, bull trout, and resident rainbow trout include poor riparian conditions: drawbottom roads constraining floodplain function, lack of mature hydrophytic vegetation, canopy closure (shade) (<40%); fair streambank stability (63%); poor width:depth ratio (43.8); lack of large woody debris (<15 pieces/mile); poor large pool frequency and quality (<9/mile). DFC's include mature hydrophytic vegetation, >80% streambank stability; 29.3 width:depth ratio; >45 pieces lg wood/mile; and >20 large pools/mile. The proposal involves placement of whole trees with rootwads and large woody debris to mimic natural recruitment in a forested riparian ecosystem. The project objective is to accelerate restoration by adding channel roughness and encouraging floodplain stability.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1888	WA IAC	Thurston Co Cons Dist	McLane Creek Peters Restoration Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 - 22-JAN-03	Salmon Habitat Protection and Restoration	\$11,100.00	\$0.00	Puget Sound

Project Description

The objectives of this project are build a livestock crossing, erect fences for livestock exclusion, plant riparian vegetation and provide large woody debris (LWD) intergration to improve salmon habitat. This project will improve approximately 0.45 miles of degraded salmon habitat that is utilized by coho, chum, resident and coastal cutthroat, and steelhead. The restoration project will take place on McLane Creek located within 14.24 acres of property owned by Doug and Suzanne Peters. Currently, horses and llamas have direct access to the creek. Implementation of a livestock crossing will prevent livestock access while allowing utilization of all pasture. Fencing with a minimum 50' buffer will protect surface waters and vegetation. The participating members of the project are the Thurston Conservation District and the property owners. The restoration project will take place in 2001. However, the re-vegetation efforts will be monitored thereafter to assure sustainability.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1677	WA IAC	Methow Conservancy	Methow Watershed Riparian Habitat Acq	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-MAR-01 -	Salmon Habitat Protection and Restoration	\$1,290,037.00	\$0.00	Upper Columbia

Project Description

The Methow Conservancy's (MC) proposes to maximize habitat acquisition monies through the use of conservation easements & development of the sites using fencing, riparian plantings & off-site watering. The purchasing of conservation easements or providing transactional costs for private landowners to 'donate' easements will protect important riparian lands in the Methow Valley for perpetuity at the lowest cost per acre and will keep the property in private ownership. The MC is requesting \$1.5 million dollars to develop easements in the three major sub-watersheds of the Methow Valley based on priorities identified in the 'Limiting Factors Analysis' and technical team reports. Our main focus will be to establish permanent riparian buffer zones. We anticipate purchasing at least thirty easements & protection of at least \$4 million dollars of the important habitat. We will work closely with the state Department of Fish & Wildlife and the tribal fishery departments to target parcels of the highest priority for easement acquisition. The MC has annual monitoring requirements on all easement we hold. Each MC easement also has a Stewardship endowment donated by the property owner or the MC that follows the property. This ensures that annual monitoring is done and that the elements of the easement are upheld, forever.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1670	WA IAC	Fish & Wildlife Dept of	Middle Branch Le Clerc Creek Bull Trout	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$39,993.00	\$0.00	Pend Oreille

Project Description

Le Clerc Creek, a tributary to Box Canyon Reservoir (Pend Oreille R.), is the only known watershed where limited successful reproduction of bull trout occurs, with the exception of the South Fork Salmon River. Lack of spawning & over wintering habitat, high summer water temperatures & competition from eastern brook & brown trout are limiting factors to the persistence of this species. This watershed has been designated as a high priority for habitat restoration by the Colville National Forest. The USFS has already completed construction of 2.5 miles of new road to bypass a segment of county road located adjacent to the East Branch of Le Clerc Cr, the resurfaced approximately 2.2 miles of road adjacent to the Middle Branch of Le Clerc Cr., planted riparian areas & the armored livestock stream crossings on the Middle Branch. Past partners include the USFS, Pend Oreille County Roads Dept., Stimson Lumber Co., Jere Dennis (permittee) & the Kalispel Tribe. The proposed project will continue the fencing of overgrazed riparian areas planting of riparian areas along the Middle Branch. The brook trout population of the Middle Branch will be removed by using antimycin since habitat restoration along would not restore bull trout to areas fully occupied by brook trout. Plant survival & brook trout populations will be monitored for 3 yrs. This the first step in removing brook trout & continuing habitat restoration throughout the Le Clerc watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1293	WA IAC	King County DNR & Parks	Middle Green River	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-JUL-02 -	Salmon Habitat Protection and Restoration	\$1,011,000.00	\$0.00	Puget Sound

Project Description

In 2001, Trust for Public Land (TPL) listed 10 rivers in Washington considered most important to protect for salmon; the Middle Green River was one of them. TPL validated many scientific reports that recommended preserving this area including WRIA 9's Habitat Limiting Factors and Reconnaissance Assessment Report and the Corp's Green/Duwamish River Ecosystem Restoration General Investigation. The purpose of this proposal is to protect crucial fish habitat totaling 110 acres. Preserving this area would facilitate the implementation of fish habitat restoration projects associated with the Green/Duwamish River Ecosystem Restoration Project sponsored in partnership by the Corps, King County, and many other jurisdictions. In order to implement this large-scale restoration effort, parcels to be restored must be publicly owned. In the last 5 years, over 700 acres of land have been protected along the Middle Green generating a lot of momentum to preserve the remaining unprotected tracts. However, tremendous development pressure still remains. Preserving these parcels would: a) protect the best chinook spawning and rearing habitat in the watershed; b) expand the ecological influence of previous acquisitions and create a critical link between large blocks of public open space; c) allow the river to function more naturally, free from levee and development-related opportunities for salmon to find refuge.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1284	WA IAC	King County DNR & Parks	Middle Green River - Kanaskat	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-APR-02 -	Salmon Habitat Protection and Restoration	\$795,000.00	\$0.00	Puget Sound

Project Description

In 2001, Trust for Public Land (TPL) listed 10 rivers in Washington considered most important to protect for salmon; the middle Green River was one of them. TPL validated many scientific reports that recommended preserving this area including WRIA 9's Habitat Limiting Factors and Reconnaissance Assessment Report and the Corp's Green/Duwamish River Ecosystem Restoration General Investigation. The purpose of this proposal is to protect crucial fish habitat restoration projects associated with the Green/Duwamish River Ecosystem Restoration Project sponsored in partnership by the Corps, King County, and many other jurisdictions. In order to implement this large-scale restoration effort, parcels to be restored must be publicly owned. In the last 5 years, over 700 acres of land have been protected along the Middle Green generating a lot of momentum to preserve the remaining unprotected tracts. However, tremendous development pressure still remains. Preserving these parcels would: a) protect the best chinook spawning and rearing habitat in the watershed; b) expand the ecological influence of previous acquisitions and create a critical link between large blocks of public open space; and c) protect and restore four perennial streams that provide important off-channel habitat for salmon.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1267	WA IAC	South Puget Sound SEG	Minter Creek Watershed Fish Passage Res.	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-APR-02 -	Salmon Habitat Protection and Restoration	\$665,882.00	\$0.00	Puget Sound

Project Description

This proposal employs a "watershed-based approach" to the identification and removal of five culvert barriers to salmonid migration in the Minter Creek watershed. This project will replace the blockages with structures that allow unimpeded fish passage for salmonids at all life stages. The project sites are scattered throughout the basin on Minter Creek and its two major tributaries, Little Minter Creek and Huge Creek, and were identified by the Pierce Conservation District Culvert Inventory for the key Peninsula and Gig Harbor Watersheds (2001). Newly accessible habitat will be suitable for chinook, chum and coho salmon, steelhead, and sea-run and resident cutthroat trout. The Salmon and Steelhead Stock Inventory (SASSI) stocks in this basin are considered wild and mixed. This project will not only increase available spawning and rearing habitat, but will also allow downstream migration of streambed material, upstream movement of nutrients in the form of salmon carcasses, and will reduce the risk of road failure at aging and undersized crossing structures. A partnership may be formed with the Pierce Conservation District on some or all of these culvert replacements, as discussion has been initiated amongst new staff at each organization concerning long-term cooperation on such projects.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1870	WA IAC	Cowlitz County of	Monahan Crk Culvert Replacement	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$504,200.00	Lower Columbia

Project Description

The existing Monahan Cr. culvert at Delameter Rd. consists of two 10 ft wide concrete boxes. According to WDFW criteria, the culvert presents a total barrier to resident and anadromous fish. Outlet height (5 ft), depth of flow, and flow velocity (slope & length) contribute to the barrier status. Three listed species, fall chinook, winter steelhead, and chum are known to spawn in Monahan Cr. The new culvert will be a 32-ft wide arch culvert. 450 ft of channel will be reconstructed as a roughened channel to control velocity through the culvert & downstream. WDFW has worked with us in the preliminary design phase to ensure the final product will optimize fish passage. Landuse upstream of the culvert is predominately forest. Downstream is forested on the E. side & agriculture (pasture) along the W. side. Within the project area, native trees & shrubs will be planted in accordance with WDFW's recommendations for riparian restoration in areas disturbed by the project. Cowlitz Conservation District (CCD) is currently working with the agriculture producer to further improve riparian conditions by establishing an effective riparian buffer & managing livestock access to Monahan Cr. This project will open up 4.8 m. of habitat. CCD identified this project as a high priority in the Ark. Cr. Watershed Plan. The Limiting Factors report for WRIA 26 states Monahan Cr. has some of the best habitat in the Lower Cowlitz R. Subbasin. This project would be a big step towards salmon recovery in WRIA 26.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1317	WA IAC	Chehalis Basin FTF	Mooney Creek Barrier Removal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-APR-02 -	Salmon Habitat Protection and Restoration	\$188,296.00	\$0.00	Washington Coastal

Project Description

Fish barriers are one of the primary limiting factors in the Chehalis Basin and the Wynoochee Subbasin. In a recent culvert survey conducted by Columbia Pacific RC&D, 35 fish-blocking culverts were located under county roads in the Wynoochee system. Five blocking culverts have been identified on Geissler Road; three are considered cost-effective to replace based on habitat, stream length and number of fish species served. This culvert replacement is on Mooney Creek, a tributary to the Wynoochee River at river mile 6.9. Mooney Creek would provide over 4.3 miles of stream habitat if the blockage were removed, based on USGS maps. A survey of the stream indicates it could support coho and chum salmon, steelhead, and cutthroat trout. Local residents claim this stream supported spawning salmonids prior to the current culvert installations. The riparian vegetation is abundant with deciduous and conifer trees as well as overhanging brush. The upper portions of the stream have large beaver ponds and wetland, providing good fish rearing. The stream averages 19 feet in width at the lower end. The barrier consists of two 4 ft. diameter culverts 90 ft. long, with gradients exceeding 1% and elevated at the downstream end 14 inches. The culverts are 1/2 mile from the mouth of the stream. A bridge is not recommended because the site has unstable footing. A 22 ft. diameter structural plate arched culvert 120 ft. long is the recommended correction at this location.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1885	WA IAC	Fish & Wildlife Dept of	Morse Creek Restore Phase 1: Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$951,000.00	\$0.00	Puget Sound

Project Description

This is a land acquisition project targeting approximately 120 acres of property bisected by a 1/2 mile length of Morse Creek east of Port Angeles. The objectives of this acquisition are 1) immediate protection and 2) future restoration of mainstem, side channel, and off-channel habitat historically used by Puget Sound chinook and currently used by bull trout, summer chum, fall chum, coho, pink, steelhead, and cutthroat. A major goal is to provide protected and restored habitat to support re-establishment of Morse Creek chinook, which were recently extirpated. All anadromous salmonid stocks using Morse Creek will benefit significantly from this project. The property is for sale and, because of its location on the outskirts of Port Angeles, is at risk to be acquired by developers. The property is critical to the protection and restoration of salmonid habitat in Morse Creek because : 1) the terrain is steep and unstable and logging or development on this property could severely impact Morse Creek by triggering catastrophic inputs of fine sediment, 2) the property contains the entire floodplain along approximately 1/2 mile of the stream, and 3) the stream is channelized, diked and depleted of wood throughout this reach and would benefit from restoration. The project addresses two (2) WRIA 18 LFA ranked Action Recommendations for Morse Creek, which cannot be accomplished within this reach without the acquisition of this property.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1732	WA IAC	Skagit Conservation Dist	Neff Acquisition and Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	28-JAN-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$538,781.00	Puget Sound

Project Description

The project will acquire 120 acres of habitat adjacent to the Samish River and Thomas Creek. After acquisition, livestock fencing will be installed and native riparian and wetland vegetation will be planted on 50 acres. This project will benefit coho, and other wild salmonid species, by protecting and restoring critical and preferred salmon spawning and rearing habitat. Past agricultural and other land use practices have contributed to a lack of riparian vegetation, impairments to water quality and alterations to floodplain hydrologic and channel conditions, thus having a negative impact on salmon habitat. Anticipated benefits as the property returns to natural habitat conditions include the following: reduction of water temperature and excess nutrient inputs, restoration of historic floodplain hydrologic conditions, future large woody debris recruitment, increased bank stability and subsequent decrease in sedimentation, and the return of a natural channel migration zone. The Skagit Watershed Council endorses this project as consistent with its salmon recovery strategy. This project builds upon the success of nearby Riparian Habitat Program easements and restoration.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1775	WA IAC	Stillaguamish Indian Tribe	NF Stillaguamish Road Decommissioning	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 -	Salmon Habitat Protection and Restoration	\$118,500.00	\$0.00	Puget Sound

Project Description

The Stillaguamish Tribe of Indians is partnering with the US Forest Service and Washington Department of Ecology to restore hillslope hydrologic processes altered by roads associated with the densely roaded South Branch and Crevice Creek subwatersheds in the upper North Fork Stillaguamish drainage. Treatment of 13 miles of roads is proposed to reduce road densities and the risk of road failure leading to catastrophic sedimentation into South Branch, Crevice Creek, and downstream into the North Fork Stillaguamish mainstem. Work will entail varying levels of treatment depending upon risk failure. For the nine miles of decommissioning and four miles of roads which are access to areas expected to be enhanced for Late-Successful Reserve habitat within 20 years, work may include removing culverts, adding drainage dips, hardening drainage dips, removing side-cast material, and recontouring the slope by pulling back fills. Resident and anadromous fish which would benefit from decreased sedimentation include chinook, coho, pink, chum, steelhead/rainbow, sea-run/resident cutthroat, bull trout/Dolly Varden, and riverine sockeye. Expected benefits include increased survivability of eggs and juveniles as reduced sedimentation improves the quantity and quality of spawning and rearing habitat. Benefits would be delayed but long-lasting as the roads revegetate and their influence on local hydrology lessens.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1728	WA IAC	Skagit Conservation Dist	Nookachamps Riparian Restoration Ph 2	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$114,750.00	Puget Sound

Project Description

The Skagit Conservation District will work with Skagit Watershed Council partners to install livestock fencing, and plant native riparian and wetland vegetation, on 17 acres along the mainstem of Nookachamps Creek and its tributaries. The project objectives are to restore critical and preferred salmon spawning & rearing habitat. Target stocks include Puget Sound Chinook and Coho as well as other anadromous and resident species. Anticipated benefits as the property returns to natural habitat conditions include the following: reduction of water temperature, restoration of historic floodplain hydrologic conditions, future large woody debris recruitment, increased bank stability, return to natural sediment inputs, and the preservation of a natural channel migration zone. Past developmental, agricultural, and forestry practices have contributed to lack of riparian vegetation, impairments to water quality, and alterations to floodplain hydrologic and channel conditions, thus having a negative impact on salmon habitat. The Skagit Watershed Council endorsed this project as consistent with its salmon recovery strategy. The project builds upon the success of nearby conservation projects of the SCD (Nookachamps Riparian Phase 1, Conservation Reserve Enhancement Program) and other SWC member organizations, including riparian planting, fish passage barrier removal, and permanent easements.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1787	WA IAC	Whatcom Land Trust	North Fork Nooksack Recovery	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$1,256,871.00	Puget Sound

Project Description

North Fork Recovery will perpetually conserve 443 acres of functioning high quality Chinook salmon habitats in the North Fork Nooksack watershed. The project will protect 2.7 miles of spawning habitat on two critical North Fork streams (Racehorse and Bear Creeks), preserve over 1 mile of holding habitat, conserve 3.25 miles of riparian recruitment zone, & restore 51 acres of riparian forest. The project is located in rapidly developing residential & recreational areas of the North Fork Nooksack River. Five acre subdivisions, mini-farms, & large lot estates surround the undeveloped acquisition sites. Acquisition, restoration & protection of these tracts will preempt potentially harmful development & preserve functioning habitats & natural landscape processes critical to fresh water life stages of Chinook salmon. Lummi Natural Resources (LNR), Nooksack Natural Resources (NNR) & the Whatcom Land Trust are partners in the project. LNR & NNR will provide restoration and monitoring services. Whatcom Land Trust will facilitate acquisitions and manage sites in perpetuity for salmon habitat. The Land Trust, in partnership with DOE and LNR has protected over 300 acres of river corridor in the project area. Nooksack Recovery Team members have completed riparian restoration & logging road storm proofing projects in Racehorse Creek & North Fork Basin. North Fork Recovery is the most significant salmon recovery project ever undertaken in the North Fork Watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1320	WA IAC	Thurston County Roads/Trans	Noschka Rd South Fish Passage Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JAN-01 -	Salmon Habitat Protection and Restoration	\$28,052.00	\$0.00	Washington Coastal

Project Description

This site was first brought to our attention by WDFW personnel who had observed coho in the stream trying to negotiate the culvert. Although much of the year the culvert is not a barrier, high flows in the winter create a velocity barrier for coho attempting to get above the culvert to spawn. The objective of the project is to replace an existing 1.5 foot diameter culvert with an 8 foot diameter culvert installed at a 1% slope and countersunk 20% to provide more natural stream flow characteristics and unimpeded fish passage. Weirs will be added in-stream to reduce the possibility of head cutting. According to Todd Welker, DNR fish biologist, approximately 3/4 mile of upstream habitat would be opened by removal of this barrier. DNR has replaced their culvert upstream of this site and has other fish enhancement projects within this drainage that would complement this project. Structurally, the culvert is in good condition and will not require replacement under regular county road maintenance for many years. Thurston County, however, realizes its obligation to restore fish passage through County culverts and is therefore providing almost half the funding for this project. The project site is on Noschka Road, adjacent to Capitol Forest. It is on a tributary to Waddell Creek, which is a tributary to the Black River. The Black River sub-basin has been designated a high priority by the Chehalis Basin partnership. This sub-basin supports coho, steelhead, cutthroat and rainbow.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1207	WA IAC	Thurston County Roads/Trans	Noschka Rd. North Fish Passage Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JAN-01 -	Salmon Habitat Protection and Restoration	\$20,000.00	\$0.00	Washington Coastal

Project Description

The objective of the project is to replace two existing culverts with an 8 foot diameter culvert installed at a 1% slope and countersunk 20% to provide more natural stream flow characteristics and unimpeded fish passage. According to Todd Walker, DNR Regional Biologist, this project would open up approximately one mile of upstream habitat. DNR has replaced several upstream culverts and has other fish enhancement projects in this drainage, so this project would mesh well with their upstream work. Currently the culverts are too short, causing the roadbed to erode during high water events. This leads to hazardous driving conditions as well as increased sediments in the stream. The culverts are currently creating a partial barrier to adults trying to get upstream to spawn and possibly a total barrier to juveniles. Realizing that the County has an obligation to maintain fish passage through county culverts, we are contributing approximately 60% in match for this project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1683	WA IAC	Colville Confederated Tribes	Omak Creek Watershed Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$103,477.00	Upper Columbia

Project Description					
<p>Omak Cr, tributary to the Okanogan R., lies within the Colville Indian Reservation & contains ESA endangered summer steelhead. The Omak Cr. Watershed Plan & Environmental Assessment identified natural resource problems resulting in high sediment & increased water temps. Roads were identified as the leading factor of increased sediment yield within the Omak Cr. watershed. Sediment yield was also suspected to be high from the uplands due to sparse vegetative cover caused by poor distribution of livestock & season long grazing. Bank failures due to the high sediment load not transported though the system causes lateral channel migration & puts culverts in the road system at risk of failing & delivering sediment. Approx. 8 miles of road have been identified in the Stapaloop Cr. drainage, a tributary of Omak Cr. The road sections were selected based on condition, utility & location. Most road sections showed signs of severe erosion. A deferred rotational grazing system will be implemented to reduce water temperature & sediment yield. Four miles of fence will create multiple pastures which livestock will be rotated through annually & exclude them form the riparian area. This system will be facilitated by 15 spring developments and 3 hardened rock crossings. All management techniques will be implemented according to NRCS standards. Decommissioning roads & implementing grazing strategies are actions that will continue a larger effort to restore salmon habitat in the Omak Cr. basin</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1694	WA IAC	Broughton Land Company	Patit Creek Barrier Removal	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-01 - 19-DEC-01	Salmon Habitat Protection and Restoration	\$0.00	\$8,955.00	Middle Columbia

Project Description					
<p>Patit Creek, a tributary of the Touchet River in WRIA 32, is home to an ESA listed (threatened) stock of steelhead. There is upstream, and downstream, migration and spawning in the upper watershed of the South Fork, however there is an old dam on Broughton Land Company property, approximately one mile above the mouth, that is a partial barrier, and may limit both upstream and downstream migration except in high stream flows. The dam will be removed and two log weirs and two rock weirs will be installed as grade control structures to create a step pool reach to facilitate both adult upstream, and juvenile downstream passage; as well as control stream degradation and headcutting. The disturbed area will be revegetated with riparian plantings.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1887	WA IAC	Thurston County Roads/Trans	Pleasant Glade Road Salmon Barrier	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-FEB-01 -	Salmon Habitat Protection and Restoration	\$250,000.00	\$0.00	Puget Sound

Project Description

This project proposes to replace two concrete culverts with a 28 foot long bridge, which would open up about 5.5 miles of important upstream habitat mostly chum and coho and smaller numbers of chinook, cutthroat and steelhead. Currently, these 48" concrete culverts convey Woodland Creek under Pleasant Glade Road, a public county road. An extensive scour pool has developed at the outfall due to the undersizing of the existing culverts, creating a low flow barrier to adult fish. This scour pool plus the perched ends of the culverts significantly inhibit adult fish passage and are likely total barriers to upstream juvenile migration. Woodland Creek has been identified in the Salmonid Habitat Limiting Factors Analysis for WRIA 13 as one of the streams with the greatest potential for restoring salmon runs in this WRIA. Replacing these culverts is listed as a high priority in the Woodland and Woodard Creek Comprehensive Drainage Basin Plan, 1995, in the Woodland Creek Enhancement Plan, 1993, and in the Habitat Limiting Factors Report for WRIA 13, 1999. This project will provide a critical link to other restoration efforts along Woodland Creek. Letters of support have been received from Lacey and the Washington Conservation Commission. A bridge is justified for this location because of the width and velocity of the stream. Although the initial cost is more expensive, the bridge will provide the maximum benefit to fish passage.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1366	WA IAC	Seattle City Light	Powerline Channel	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-APR-02 -	Salmon Habitat Protection and Restoration	\$255,000.00	\$0.00	Puget Sound

Project Description

This project plans to recover and enhance one of the few remaining pieces of off-channel habitat in the upper Skagit River for the primary benefit of native coho (SASSI depressed stock) and chum salmon. It will include both rearing and spawning area. It will consist of a large pond area excavated into groundwater with spawning gravel (spawning and rearing) to feed an abandoned river slough (rearing) altered or lost due to bank hardening activities, construction of Highway 20, and operation of the Skagit hydro project. These activities have reduced channel forming processes preventing natural river meander and the old off-channel sites, significantly reducing critical habitat needed by these species. Recovery and enhancement of the few remaining areas with these characteristics will immediately restore their high production capability. No longer at great risk of flooding, these sites operate solely on the continuous even flow of groundwater protecting wintering eggs and fry from storm scour and siltation and summer juveniles from stranding loss far greater than most surface-fed streams. Identical projects of like size (7500 m2) in this river reach have quickly produced fish in virtual excess of their capacity. Immediate recovery efforts like this are needed to rebuild reduced populations while longer-term upslope and land management improvements become effective.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1846	WA IAC	Pierce Co Conservation Dist	Puyallup River Watershed Revegetation	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 -	Salmon Habitat Protection and Restoration	\$35,000.00	\$0.00	Puget Sound

Project Description

This project will establish or improve riparian buffers along streams in the Puyallup River Watershed by utilizing two existing programs at the Pierce Conservation District. Technicians from the Farm Assistance program will work with landowners to prepare a riparian buffer planting plan. All planting plans are written according to USDA Natural Resources Conservation Service specifications and standards. Stream Team will hire WCC crews for site prep, order materials, and coordinate volunteers to plant the buffer. This grant proposal consists of purchasing plant materials, protective devices to increase survival and time from the Washington Conservation Corps to assist in site preparation. Many times, private landowners are interested in improving riparian conditions, but lack the funds and resources to do so. For example, many landowners do not qualify for the Conservation Reserve Enhancement program that provides eligible landowners with cost-share dollars to establish streamside buffers. This proposal accommodates those landowners who are not eligible to receive financial help from state and federal programs. Trees and shrubs have potential to benefit salmon in many ways. They provide shade to cool waters in the summer and provide root strength to prevent stream bank erosion. They contribute leaf litter as a food source, and once grown, fall into the stream providing many benefits to juvenile salmon.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1788	WA IAC	King Co Water & Land Res	Rock Creek/Ravensdale-Retreat	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$200,000.00	Puget Sound

Project Description

This project will assist in protecting ~204 acres along Rock Creek at RM 3.5-5.1, the Ravensdale-Retreat Reach. The 11 parcel reach includes 1.6 miles of Rock Creek itself, palustrine forested and scrub-shrub wetlands, pond habitats, and second growth coniferous forest. This habitat will not only benefit Chinook, sockeye, coho, and steelhead, it will protect an important wildlife corridor used by elk, bear, and cougar. Phase 1 of the project, which can be accomplished with this grant, will be to acquire ~100 acres or six of the parcels, protecting approximately one mile of Rock Creek, and to complete appraisal for the whole reach. This project is a partnership between King County, the Friends of Rock Creek Valley and the National Fish and Wildlife Federation. King County will provide \$33,200 in matching funds. The Friends of Rock Creek Valley have pledged to raise \$233,200 to match a 2:1 challenge grant from the National Fish and Wildlife Foundation for \$116,600. Protection of the whole reach will be completed once additional funds have been raised. This project builds on significant past investments in protecting Rock Creek. King County owns 140+ acres from the mouth of Rock Creek to ~RM 1.2 which encompasses the primary spawning habitat of Rock Creek. Rock Creek is the best remaining tributary habitat in the lower Cedar River. Among a study of Puget Sound lowland streams, Rock Creek had the highest index of biotic integrity (May et al '98).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1530	WA IAC	Quinault Indian Nation	Salmon River Trib 21-0143 CulvertBarrier	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Habitat Protection and Restoration	\$0.00	\$125,300.00	Washington Coastal

Project Description

This project would replace a partial fish barrier culvert on a WRIA # 21-0143 tributary to the MF Salmon River. The barrier consists of a 72 inch culvert located on US Forest Service Road 2120 at milepost 0.95. This road provides access to Quinault Indian Nation (QIN) lands and Olympic National Forest lands. The culvert to be replaced is located on the tributary stream 110 feet above the Salmon River at RM 13.4. The existing undersized culvert is a partial barrier to adult salmonid migration and a full barrier to juvenile passage. High velocities and a 4.5 foot culvert outfall drop contribute to the barrier. Removal and replacement of this culvert with an adequately sized culvert pipe arch or open bottomed arch will provide unimpeded access to 0.8 miles of spawning and rearing habitat for coho, steelhead and cutthroat. This culvert was identified in a USFS culvert inventory and has a high priority for replacement. No other culverts on National Forest lands in the Queets River Basin were identified as barriers to anadromous salmonids. The USFS will conduct the survey, design project permitting and contract engineering for this culvert replacement as part of the required match. The QIN as project sponsor will provide project management as post project monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1726	WA IAC	Skagit Conservation Dist	Samish Acquisition and Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$116,500.00	\$0.00	Puget Sound

Project Description

The project objectives are to restore and protect in perpetuity critical and preferred salmon spawning and rearing habitat on 80 acres along the Samish River. Target stocks include coho. The funding request is for financial support to restore 80 acres with native riparian vegetation, impairments to water quality and alterations to floodplain hydrologic and channel conditions, thus having a negative impact on salmon habitat. Anticipated benefits as the property returns to natural habitat conditions include the following: reduction of water temperature and excess nutrient inputs, restoration of historic floodplain hydrologic conditions, future large woody debris recruitment, increased bank stability and subsequent decrease in sedimentation, and the return of a natural channel migration zone. The Skagit Watershed Council endorses this project as consistent with its salmon recovery strategy. This project builds upon the success of nearby Riparian Habitat Program easements and restoration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1749	WA IAC	Skagit Fish Enhancement Group	Samish Watershed Riparian Restore	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$102,513.00	\$0.00	Puget Sound

Project Description

SFEG will utilize a riparian inventory of the Samish watershed to identify and implement riparian restoration projects. Data from the inventory will be used to identify where riparian areas are characterized as impaired and focus restoration efforts in these areas. Riparian projects will be targeted for implementation where the most benefit is perceived. The inventory was conducted utilizing the framework established by the SWC. This framework uses buffer widths & stand types to assess the condition of riparian areas. Riparian areas are then classified as functioning, partially impaired or impaired. SWC's 2000 Strategic Approach says that restoring coho rearing habitat is a priority, therefore, riparian projects that will most benefit restoring natural processes to coho rearing habitat will be implemented first. Projects with little or no coho rearing benefits will be considered secondary. Designs will be made for each planting & fencing project according to NRCS specifications. Money is requested to work with landowners to establish vegetation & fencing design plans, purchase materials, perform site preparation, plant native trees and shrubs, build fences, see that plants become established, & monitor the sites after implementation. Funds requested will construct approximately 2 mi. of fences to protect riparian areas & plant 10 acres (minimum 1.25 mi. of stream) with native riparian plant species. Matching funds will come from JFE and the Conservation District.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1907	WA IAC	WA Trout	Schoolhouse Creek Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$367,325.00	\$0.00	Lower Columbia

Project Description

The Washougal, a major tributary to the Columbia located in Clark County, supports mixed stocks of coho, fall chinook, summer and winter steelhead, as well as resident rainbow and cutthroat trout. This project will restore historical access to, enhance, and protect 23.6 acres of Schoolhouse Creek (SHC), a spring-fed wetland complex tributary to the Washougal River that delivers cold (13.8 degrees Celsius in July 2000) water year-round. The restored wetland complex will provide critical off-channel spawning, rearing and over-wintering habitat, as well as refuge from high summer water temperatures in the Washougal (20.6 degrees Celsius on the same day), for coho, cutthroat, steelhead, and possibly chinook and chum salmon. Skamania County will be replacing the culvert blocking SHC in August 2000, a critical component of Washington Trout's (WT) restoration project, which will incorporate a fish ladder at the upstream end of the culvert to ensure fish passage and maintain proper water elevations in the restored wetland complex. WT will enhance the existing spring-fed wetland through the additional of LWD and riparian vegetation, and create additional rearing and spawning habitat connected to the existing wetland complex. Log controls and the fish ladder at the culvert will be used to maintain proper water elevations to maximize rearing habitat and minimize stranding. Acquisition of the project site will ensure protection and maintenance of the critical habitat in perpetuity.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1310	WA IAC	Kitsap County Public Works	Seabeck Creek Culvert Replacement & Weir	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	22-MAR-02 -	Salmon Habitat Protection and Restoration	\$127,500.00	\$0.00	Puget Sound

Project Description

Seabeck Creek is a Tier IV Geographic Priority in the Hood Canal Coordinating Council (HCCC) "Salmon Habitat Recovery Strategy", ver 7-2001. An existing 72" reinforced concrete pipe passes Seabeck Creek under Seabeck-Holly Rd. Five fish weirs exist downstream of the roadway culvert to reduce an excessive drop at the outlet. The timber weirs have degraded to a point where ongoing maintenance needs will become frequent and ultimately result in questionable or marginal fish passage capability. It is proposed that the weirs be removed and a 12' x 7' three sided concrete arch culvert be installed in place of the existing culvert. The new structure will allow for a natural stream reach through the culvert without need for any fish passage enhancement features, although bed control logs may be needed on the upstream end of the culvert. It will also allow for better, and more natural transport of stream bed gravels and woody debris to lower reaches of the stream. The proposed culvert will be better aligned with the upstream and downstream reaches to resolve an acute stream angle on the upstream end. Existing side bank rip-rap in the project area will be replaced with more natural material. Large woody debris placement will be implemented in the project to meet recommendations of the HCCC, "Salmon Habitat Recovery". Ultimately, the project will support the recovery and maintenance of natural processes that create and sustain salmon habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1309	WA IAC	Merrill & Ring	SF Pysht River Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-MAY-02 -	Salmon Habitat Protection and Restoration	\$131,900.00	\$0.00	Puget Sound

Project Description

The project seeks to restore habitat for rearing and spawning (Coho, chum, cutthroat, steelhead) in the S.F. Pysht River. This work builds upon previous habitat restoration projects adjacent to this proposal and elsewhere on Merrill & Ring's ownership in the Pysht River watershed. The phases of the project include 1) removal of a fish barrier blocking access to a 1 acre pond/wetland and 1200 feet of stream (fully funded by M&R, exclusive of match); 2) construction of a channel between the pond and Pysht River for fish passage and spawning habitat, replacing the currently-used ditch; 3) placement of LWD along 3,000' of the S.F.Pysht River. Merrill & Ring owns 26,000 acres in the Pysht River watershed on the Strait of Juan de Fuca. M&R, tribes, State and Federal agencies formed the Pysht River Cooperative in 1991 to assess habitat conditions and develop habitat restoration projects in the watershed. Five projects, starting in 1994, involved the harvest of alder-dominated riparian stands, placement of LWD, construction of off-channel ponds, and restoration of conifer stands in riparian areas. Two Projects are underway. Dr. Tim Wootten of the Univ. of Chicago studied salmon populations throughout the north Olympic Peninsula (unpublished, research in progress). He found the highest concentrations of Coho smolts within the restoration area, compared with all other river systems. A 1/4 acre pond constructed during the first project produced 800 Coho smolts in 2000. Beaver recently colonized two smaller ponds.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1746	WA IAC	Skagit Fish Enhancement Group	Shoeshell Road Fish Passage Improvement	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$94,513.00	Puget Sound

Project Description

The project will remove an existing 3' culvert & replace it with a 7' culvert crossing under Shoeshell Road on Wollard Creek. Two log control weirs will also be placed, pending the final design for the project. This project was identified by the Skagit System Cooperative through a systematic culvert inventory of the Skagit Basin funded by DOT in 1998-99. The project was prioritized by the Skagit Watershed Council as a top priority blocking problem in the Application of the Skagit Watershed Council Strategy, 11/99 (Project #10.1SF103.1.1). The project also is within a targeted restoration area identified by the Council. SFEG has partnered with the Stewardship Incentive Program (a partnership w/DNR & USFS) to work w/the landowner to develop a project correcting the fish blockage at this site. Two homes are accessed via this crossing. One homeowner operates a small nursing home out of their home & requires 24 hour access for emergency vehicles. Because of this unique situation & the large quantity of fill on top of the existing culvert, the new culvert may need to be jacked into place. Jacking can be very expensive thus another alternative is to relocate the 4 patients during construction. Both options can be done with the cost estimate & SFEG is working w/People for Salmon for a possible in kind donation to relocate the patients. An engineering consultant has also donated his time to help design this project thanks to People for Salmon.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1722	WA IAC	Skagit Conservation Dist	Skiyou Slough Habitat Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-FEB-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$333,935.00	Puget Sound

Project Description

During summer 2001, the proposed project will remove blockages & restore degraded banks and floodplain along a mile of Skiyou slough. Specifically, it will replace two farm crossings with a bridge & pipe arch, plant 3,000 feet of CREP riparian forest buffer, reforest 30 acres on a floodplain conservation easement, & permanently protect 25 acres of forest and gravel bar at the slough mouth. Skiyou Slough is a back channel of the Skagit River near Sedro-Woolley. Historically, the slough gave coho salmon access to spawning sites and high value rearing habitat. Farm crossing & sedimentation gradually changed part of the slough into stagnant ponds, where poor water quality often kills the few salmon that still enter it. The Skagit Watershed Council endorsed this project as consistent with its salmon recovery strategy. The project design builds on the success of nearby conservation projects of other SWC member organizations. For example, it adds 0.5 miles of protected riparian area to 2.5 existing miles upstream, and opens fish passage to Coal Creek, where others have replaced culvert barriers. Skagit Conservation District, the project sponsor, presently manages over \$2 million worth of riparian planting, wetland restoration, and other local conservation projects. SCD feels that this project is eminently worthy of SRFB funding. Not only will it expand local salmon habitat restoration initiatives, but it will protect a uniquely beautiful part of the Skagit Valley.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1302	WA IAC	Skokomish Indian Tribe	Skokomish River Tide Gate/Culvert	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$148,530.00	\$0.00	Puget Sound

Project Description

This project is a collaboration involving the Skokomish Indian Tribe, Tacoma Public Utilities; Army Corps, Mason Conservation District, Bureau of Indian Affairs and the Department of Commerce (NOAA). The project will take place within diked agricultural lands that were formerly part of the estuary, in close proximity to the mouth of the Skokomish River. Portions of these lands are tribal trust lands under the jurisdiction of the Skokomish Tribe. Tacoma Public Utilities (TPU) owns other portions held in fee status. TPU has agreed in principle to explore a partnership with the Skokomish Indian Tribe focusing on habitat restoration and/or enhancement. The project area is within the Skokomish Indian Reservation. A goal of this effort is to return tidal flows to an area lost when diking and draining took place in the middle of the 20th century. Objectives are to remove tidal gates, replace culverts and breach dikes in the former agricultural area. This project would reverse the historic loss of important estuarine habitat. Other restoration activities will include removal of invasive scotch broom, and planting of sweetgrass, used in tribal basket weaving. This project will act on the recommendations of a 1995 Army Corps of Engineers study that identified priority activities in an effort to rehabilitate estuarine habitat. This project will also initiate a long-term monitoring study that will provide information on estuary rehabilitation and adaptive management.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1912	WA IAC	Lewis County Public Works	Skook Creek Barrier Removal Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 -	Salmon Habitat Protection and Restoration	\$334,892.00	\$0.00	Lower Columbia

Project Description

The project is located in Skook Creek, a tributary to the Cowlitz River near Ethel, Washington. With a drainage area of 2,645 acres above the barrier, the objective is to provide fish passage by removing two existing 48 -inch diameter culverts, and concrete apron with an 8-ft. hydraulic drop. A new 20-ft span bottomless culvert, designed stream bed, log control weirs, and stream side tree plantings are proposed. Construction will be completed during the fish window of one construction season. Visual fish monitoring by local volunteers and juvenile sampling by Lewis County will continue for 3 years. The barrier is located 1.1 miles upstream from the confluence with the Cowlitz River. Removal of this barrier will open 10.8 miles of Skook Creek's main stem and tributaries, including 4.2 miles of spawning and rearing habitat historically used by anadromous fish. Currently, steelhead, coho and cutthroat trout are known to use the stream reach below the barrier. Under ESA, Steelhead trout are listed as a threatened species while coho salmon and cutthroat trout are being considered as candidates for federal listing. These species are considered "depressed" by the WDFW. This project addresses the primary issue identified in the Draft Limiting Factors for WRIA 26, access to spawning and rearing habitat. Other enhancements in the basin include water quality protection of 370 acres in the Skook Creek headwaters through nutrient management programs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1614	WA IAC	Cowiche Canyon Conservancy	Snow Mtn Ranch Acq & Barrier Removal	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Habitat Protection and Restoration	\$670,000.00	\$0.00	Yakima

Project Description

The Snow Mountain Ranch (SMR) is comprised of 1700 acres located approximately six miles west of Yakima. This project requests funds to acquire two parcels of the SMR (~312 acres) that encompass the South Fork Cowiche Creek (tributary to the Naches River), its floodplain, associated wetlands, and the ranch's irrigated ag lands. This project will implement riparian and floodplain restoration, fish barrier removal, instream flow improvements, and will provide long-term protection of fish and wildlife habitat on the acquired lands. A component of this project, fish barrier removal, will open access to the entire Cowiche Basin (120 square miles) to juvenile and adult salmonids including steelhead, coho, and chinook. The Yakima River Basin Watershed Assessment states, "The Cowiche Creek system is considered to have good to excellent rearing habitat with adequate cover, especially in the South Fork." The Northwest Power Planning Council Salmon and Steelhead Production Plan (1990) discusses other habitat factors in Cowiche Creek noting, "Riparian vegetation is dense along most reaches; stream banks are stable and there are sufficient spawning gravels." Pools and riffles are also relatively abundant on the South Fork of Cowiche Creek. The Yakima Basin Limiting Habitat Factors Analysis reported, "Cowiche Creek as having major steelhead and coho production potential, minor spring chinook production potential, and having high restoration potential if fish passage problems were corrected.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1693	WA IAC	Tri-State Steelheaders Inc	South Fork Coppei Creek Riparian Buffer	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$294,478.00	Middle Columbia

Project Description

The Hansen Project, located on the South Fork of Coppei Creek in Southeastern Walla Walla county, will combine in-stream habitat construction, riparian habitat restoration conservation easement to protect & enhance spawning/rearing habitat for endangered steelhead trout. Livestock will be permanently excluded from more than two miles of stream bank. Riparian areas damaged by decades of grazing will be restored. Spawning & rearing of endangered steelhead will be enhanced through construction of in-stream structures. Mature stands of Douglas Fir & Yellow Pine, located on steep hillsides adjacent to the stream will be permanently protected from commercial logging. Three spring fed tributary creeks to Coppei Cr. will be protected so cold, year round flows can continue to enhance the stream's water quality. Housing development, including construction of seven approved home building sites on the project, will never occur. The WDFW, WWCCD, USFWS, NRCS & TSS have identified the Hansen Project as the top priority for continued riparian buffer restoration on Coppei Creek. To date 1.8 miles of cattle exclusion fencing, 18 in-stream structures and 5.5 miles of riparian buffer have been installed downstream of the Hansen property on Coppei Creek. The Hansen Project will expand this already successful effort to protect & enhance the spawning & rearing of endangered steelhead trout in Coppei Creek. Establishing a conservation easement for the project is vital to this reach of Coppei Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1737	WA IAC	Skagit Fish Enhancement Group	Spartina Control in Skagit Co. Estuaries	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$23,000.00	Puget Sound

Project Description

This proposal funds the removal, eradication &/or control of Spartina from the estuarine habitat of Skagit County. The methods of treatment will consist of cutting, digging & applying herbicides. Through the use of these methods in the estuaries, native plant species will be allowed to return to those areas currently infested or affected by this invasive noxious weed. Spartina aggressively invades NW marine ecosystems & displaces native vegetation, such as eelgrass, & threatens estuaries by occupying ecological niches where little competition exist. As Spartina colonizes areas, it results in widespread ecological disruptions. These disruptions include destroying important feeding & rearing grounds for juvenile salmon & potentially disrupting marine food chains. Salmon rearing & feeding grounds will be enhanced as sloughs are allowed to return to their natural conditions. Shoreline monitoring will be done by hiring a trained Spartina crew, along with trained volunteers. Monitoring is necessary to catch seedlings before they produce seeds. The Spartina Task Force of N. Puget Sound lists Skagit Bay as a high priority site for Spartina removal. The goal of the Task Force is to enhance public access, salmon habitat & wildlife habitat; monitor results of removal & modify future control methods; re-treat sites if necessary; prevent seed production at specific sites; & prioritize sites for control.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1703	WA IAC	Tree Top Inc	Sprayfield Riparian Enhancement Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-JAN-01 - 12-AUG-03	Salmon Habitat Protection and Restoration	\$92,300.00	\$0.00	Yakima

Project Description

Tree Top generates wastewater as a byproduct of fruit processing. This water is used to irrigate a pasture with 7800 feet of Yakima River shoreline which suffers from the management practices of the previous owner. Project objectives: * stop soil loss in the actively-eroding area, * stabilize the entire shoreline with vegetation, * begin the process of tree replacement for the heron rookery, * increase shading of the river, * provide a buffer of native vegetation between the spray field and the river, * allow flood flows to spread more evenly over the property. Objectives will be accomplished by: * removing livestock from the entire site and converting to hay production, * installing 8 large root wads with a rock barb at the upstream end and a rock vein at the downstream end, * removing earth embankments and reducing the angle of riverbank slopes, * planting vegetation on the banks and adjacent riparian area. including the heron rookery.

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Project Ref	Grantee	Subgrantee	Project Name	State	
01-1318	WA IAC	Chehalis Basin FTF	Steelhead Creek Barrier Removal	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-APR-02 -	Salmon Habitat Protection and Restoration	\$39,200.00	\$0.00	Washington Coastal

Project Description					
<p>Fish barriers are one of the primary limiting factors in the Chehalis Basin and Wynoochee Subbasin. In a recent culvert survey conducted by Columbia Pacific RC&D, 35 fish blocking culverts were identified under county roads in the Wynoochee system. Five blocking culverts have been identified on Geissler Road; three are considered cost-effective to replace based on habitat, stream length and number of fish species served. This proposed culvert replacement is on Steelhead Creek, a tributary to the Wynoochee at river mile 9.2. Steelhead Creek would provide 2 miles of fish habitat if the blockage were removed, based on USGS maps. A survey of the stream indicates it could support coho, cutthroat trout and steelhead as well as juvenile species of other salmonids. The riparian vegetation is excellent with deciduous, conifer trees and dense brush. The upper portions of the stream have large beaver ponds and wetlands, providing good fish rearing habitat. The stream averages 8 feet in width. The passage barrier consists of one 2.5 ft. diameter culvert 40 ft. long. A bridge is not recommended because the length of the stream does not warrant the expense. An 8ft. squashed culvert is the recommended correction because the road fill above the culvert is limited. This is a cost-effective correction to restore a nice little watershed.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1874	WA IAC	Columbia Pacific RC&D	Still Creek Large Woody Debris Placement	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-01 - 27-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$112,042.33	Washington Coastal

Project Description					
<p>The project location is in S.W. Washington approximately 30 miles from the coast immediately north of Elma and Montesano. Still Creek is a tributary to the W.F. of the Satsop River. Lower Mainstem WRIA 22.0366; Sec. 32 T19N R07W; Sec. 5 T18N R07W; Grays Harbor Co. The focus of this restoration project is to improve in stream and riparian function by placing new large woody debris, retain 118 existing large woody debris and plant native conifer in two tributaries (approx. one mile in length each) to Still Creek. The project will address limiting factors of temperature, cover, food sources, streambed stability, pool frequency, sedimentation, gravel scour, the lack of large woody debris and large woody debris recruitment, as defined in the W. F. Satsop Watershed Analysis, WA Conservation Commission's Satsop Basin Limiting Factors Report, and US Fish and Wildlife Service study. "Chehalis River Basin Fishery Resources: Status Trends, & Restoration Goals. Targeted stocks are Chum, Coho, Chinook, Steelhead, and cutthroat Trout. Planning has been on going with the Weyerhaeuser Co., Columbia-Pacific RC&D, WA Dept. of Fish and Wildlife and US Fish and Wildlife during different courses of previous grant applications and an on going implementation of riparian planting and maintenance of Still Creek. Timing for project implementation (LWD) is best when the hydraulic window opens, usually mid June until late September, riparian planting will take place in the late fall and winter months.</p>					

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Project Ref	Grantee	Subgrantee	Project Name	State
01-1424	WA IAC	Thurston Co Cons Dist	Thomsen Fencing/Riparian Planting	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 -	Salmon Habitat Protection and Restoration	\$29,000.00	\$0.00	Puget Sound

Project Description

This project will ultimately improve the health of McAllister Creek by installing about 20,000 linear feet of fence along McAllister Creek and some of the larger drainage ditches that flow into McAllister Creek. In addition to fencing, this project will include the planting of native plants in several areas along McAllister Creek that flows through the Thomsen Farm. Problems associated with animal access to the stream include: erosion of the stream banks, which can increase sediment and livestock manure entering the creek, thus changing the chemical balance of the water; increased turbidity from sediment and livestock manure, which can have an adverse effect on salmonid spawning habitat; and lack of canopy cover and riparian buffers along this upper section of McAllister Creek, which lowers stream productivity. Improved canopy cover will provide nutrients to the creek in the form of falling leaves and woody debris. The fencing will not only restrict livestock from entering the creek but will also create buffer strips and riparian areas that will filter and remove nutrients through plant uptake of phosphates and nitrates. These areas will provide much needed canopy cover to an open and clear section of McAllister Creek. Over time this canopy cover will provide a source of large woody debris. Targeted species include chinook, coho, chum, cutthroat and steelhead.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1869	WA IAC	Columbia Pacific RC&D	Tiemeyer Off-Channel Pond	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-01 - 17-JUN-03	Salmon Habitat Protection and Restoration	\$37,047.00	\$0.00	Washington Coastal

Project Description

The Tiemeyer Off-Channel pond project will improve the habitat and access for salmonid juveniles coho, steelhead & cutthroat for overwintering and summer rearing. The site is a 3,421 ft long wetland area off channel habitat. The project is located in Jefferson Co., near the town of Clearwater. The site is in section 18, T24N R12W, WRIA 21.0024, 70 miles north of Hoquiam, WA. 3.5 miles from the confluence of the Clearwater River, where it meets the Queets River 5 miles from the Pacific Ocean. The limiting factors include low dissolved oxygen levels, temperature, cover, and limited access to upper wetlands. The scope of work involves the restoration of wetlands by removing cedar spaults that constrict water flow through the channel. An excavator will be used to pull back the waste above the ordinary high water line. Removal of clay/silts and cedar waste will increase the pond depth, improving water quality, water quantity, and habitat for salmonids. The pond edge will be lined with Typar fabric or bentonite to seal the pond and covered with soils. Revegetation with native plants will complete the project. The plants around the pond will provide bank stabilization and cover to regulate water temperature. Construction of a cedar plank control structure will be used to maintain and increase water depth throughout the wetland. The off channel habitat for salmonids will be increased significantly by providing access to one acre of additional wetland upstream of the project site.

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Project Ref	Grantee	Subgrantee	Project Name	State	
00-1894	WA IAC	Natural Resources Dept of	Trap Creek A-line Abandonment & Stream	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-01 -	Salmon Habitat Protection and Restoration	\$390,300.00	\$0.00	Washington Coastal

Project Description					
<p>The Trap Creek sub-basin has been identified in the Willapa Headwaters Watershed Analysis and the Limiting Factors Report as a very important area for salmon habitat. The lower three miles of Trap Creek have been noted as some of the best potential spawning habitat in the Willapa Watershed. Through the aforementioned watershed analysis, the Aline was documented as a major contributor of sediments to Trap Creek due to mass wasting. This project proposes to abandon 1.4 miles of the Trap Creek A-Line road and place engineered large woody debris structures in Trap Creek. Prior road abandonment projects in headwater locations have helped alleviate the risk of human caused mass-wasting events. This project will address loss of LWD and spawning habitat identified by the Limiting Factors Report while complimenting the earlier road abandonment. As part of this proposal, a request is made for the acquisition of a rock quarry located at the initiation point of this project. Abandonment work on the A-line has been completed up to the location of the rock quarry. Acquisition of this property will allow the work to proceed downstream, eliminating 1.4 miles of stream-edge road and returning this land to a functioning riparian environment. Partners in this project will be the Willapa Bay Fisheries Enhancement Group and the South Bend School District.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1224	WA IAC	Columbia Conservation Dist	Tucannon River Diversion Screens	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$199,838.00	\$0.00	Middle Columbia

Project Description					
<p>Project proposal will provide cost share funding to landowners that enroll in WDFW's Voluntary Screen Compliance Program through Columbia Conservation District. Initial program development was started in Walla Walla Basin in 2001 and received tremendous landowner support. Building on this program acceptance, the district has taken the lead in recruiting landowners in the Tucannon Watershed to follow suit. Project proposal targets forty diversion pump screens and one gravity flow diversion screen. Current landowner interest reflects eight landowners and 32 screens identified. Proposal will provide a means to support landowners to bring screens into compliance, providing enhanced juvenile survival during rearing and migration for four ESA-listed stocks, spring and chinook salmon, steelhead, and bull trout. Project implementation will occur along mainstem Tucannon River. Scope of screening program will include assessment of current diversion condition; identify required upgrade needs; and installation of appropriate screens. Assessment will follow similar requirements that were applied in the Walla Walla program; all screening requests must receive WDOE water right approval, and screens must meet WDFW, NMFS, and USFWS requirements.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1821	WA IAC	Clallam Conservation District	Upper Dungeness Road Decommissioning	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$125,500.00	Puget Sound

Project Description

The project is located within the Dungeness River watershed on Forest Service road (FS) 2860 (0.0-4.8) and FS 2880 (0.0-1.5) on the north end of the Hood Canal Ranger District of the Olympic National Forest. The river miles directly effected are RM 15-19. The goal is to minimize road related delivery of coarse/fine sediment inputs to anadromous spawning & rearing habitat in the Dungeness River. Objectives are to improve hillslope hydrology, reduce potential of management related mass wasting and surface erosion from roads. Decommissioning FS 2860 consists of removing culverts, unstable fill slopes, ripping road surface & out sloping segments. Soil bio engineering techniques for soil stabilization will also be performed. FS 2880, 2860 stabilization consists of removing unstable fills, select out sloping & improvement of drainage structures. An Environmental Assessment was completed in Sept. 2000 with decision notice by April, 2001. Survey & design work is scheduled to begin Fall 2000. Fish listed as threatened under ESA include Chinook, summer chum, & bull trout. NMFS has designated all anadromous habitat accessible to Chinook as critical habitat, up to RM 18.7

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1695	WA IAC	Walla Walla Co Cons Dist	Walla Walla Watershed Spawning Reach	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$277,400.00	\$0.00	Middle Columbia

Project Description

The project goal is to install screens on irrigation pump intakes in areas that are most likely to harm threatened Steelhead & Bull Trout in the Walla Walla Watershed. The Cooperative Compliance Review Program (CCRP), created by WDFW, creates a partnership between WDFW, private landowner, and Conservation Districts to screen all the intakes in the watershed. Through CCRP process, Walla Walla and Columbia Cty. landowners have signed up to screen 438 pump intakes/diversions that do not meet current criteria. Area biologists prioritized these projects based on location in the watershed relative to fish life stages. While the CCRP process sets up a framework for installation of screens, it does not contain funding for installation. This proposal seeks funding to install all the priority 1 screens (156 projects in spawning reaches) to NMFS and WDFW criteria. WWCCD will utilize their low overhead to administer the grant, WDFW will train private contractors how to design & install the screens. WDFW will also approve designs & installation of the screens, providing the landowner with certification of compliance & a HPA which outlines long term operation and maintenance requirements. Screening is a key component of the bi-state watershed planning process which seeks to restore Steelhead and Bull Trout stocks by working across political boundaries. Partners include NMFS, USFWS, USFS, Umatilla Tribe, sportsman's groups, ODFW, OR DEQ, OR Water Resources Dept., & environmental groups.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1226	WA IAC	Columbia Conservation Dist	WDFW Wm T Wooten Riparian Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$206,014.00	\$0.00	Lower Snake

Project Description

The Tucannon River and Cummings Creek on WDFW's Wooten Wildlife Area are home to three species of salmonids listed as threatened under ESA: Snake River steelhead, Tucannon Springs chinook, and bull trout. Some of this area has degraded riparian habitat due to floods, past farming, grazing, logging, roads, and concentrated public use. This project will address riparian restoration by planting native tree species in 180-foot buffers along 25% of each side of a 12-mile reach of the Tucannon and 2.5 miles of Cummings Creek. This would provide future shade, addressing one of the limiting factors for salmon recovery of high stream temperatures, due to lack of riparian cover. In fact, the greatest amount of open or missing riparian canopy cover along the Tucannon River is the Wooten Wildlife Area. Also, mean stream temperature increases are greatest on the Wooten Wildlife Area compared to the entire length of the stream. In both 1999 and 2000, the average temperature increase per river kilometer along the entire river in July and August was approximately 0.25 degrees F. Virtually all areas on the Wooten Wildlife Area exceeded this baseline, ranging from 0.25 to 0.65 degrees per river km (Bumgarner, Schuck, 2001). Other benefits would be : food and nutrient input, increased bank stabilization, pollutant and sediment filtration, large woody debris recruitment, terrestrial habitat connectivity providing travel corridors for upland species and reducing peak flows in high water events.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1792	WA IAC	Nooksack Salmon Enhance Assn	Wells Creek Road Sediment Control	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$90,000.00	\$0.00	Puget Sound

Project Description

Nooksack Salmon Enhancement Association (NSEA) is partnering with the United States Forest Service (USFS) to provide a controlled drainage along Road #33 in order to reduce risk of road failure, erosion & sediment production & to reduce potential impacts on fish habitat & water quality in Wells Creek, a major tributary to the North Fork Nooksack River. The proposed drainage corrections will prevent sedimentation during storm events. The drainage corrections design has been implemented on other similar projects by the USFS & has proven to be successful. The USFS has completed more than 50 miles of road treatment in the North Nooksack River. This project represents 13 miles of the remaining road miles to be treated. Logging, resulting in sedimentation, has heavily impacted the Wells Creek system, resulting in increasing impact to aquatic life & less holding habitat for the populations of native char, trout and salmonids downstream. This roadwork was first identified in 1990 during a road deficiency survey & in 1999, following storm activity. The headwater area of Wells Creek is identified as a potential mass wasting area. Continued sediment loading & flood events are severely limiting recovery of Chinook, Coho, steelhead, native char, & bull trout populations in the Nooksack system. The Wells Creek Road Sediment Control project complements other sediment reduction projects implemented by USFS, WA DNR, NSEA, and private timber owners.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1779	WA IAC	Snohomish Co Conservation Dist	Westside Higgins Road Sediment Control	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 - 12-MAR-03	Salmon Habitat Protection and Restoration	\$89,644.00	\$0.00	Puget Sound

Project Description

Snohomish Conservation District is partnering with the US Forest Service to provide controlled drainage along 5.4 mi. of Westside Higgins Rd 1820 to reduce risk of road failure, erosion and sediment production and to reduce effects on fish habitat and water quality in Higgins Creek, a major tributary to Deer Creek (an important tributary to the North Fork Stillaguamish River). Bull trout, steelhead and coho utilize Higgins Creek, while Chinook, pink, chum, and sea run cutthroat trout utilize lower Deer Creek. Higgins Creek has 4.5 miles of anadromous and resident fish habitat and has been identified as refugia for steelhead, coho and char in the Deer Creek basin (collins et al., 1995). The project consists of various treatments, including adding and/or replacement of culverts, fill stabilization, installation of water bars and removal of road prism where needed for stability. Expected Results: Water quality will improve and the risk of landslides/sediment delivery will be incrementally reduced. This will reduce the potential for erosion, scour, and sedimentation associated with the existing situation. This action is expected to contribute to the incremental reduction of road-associated failures and other sedimentation that is occurring from water collection and concentration. Better spawning, rearing and holding habitat conditions for salmon and other aquatic species will result. Monitoring has been an ongoing part of this restoration effort.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1690	WA IAC		Whiskey Creek Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-01 - 13-NOV-02	Salmon Habitat Protection and Restoration	\$56,665.00	\$0.00	Middle Columbia

Project Description

Whiskey Creek is a tributary to the Touchet River in WRIA 32 and is home to ESA listed stocks of summer steelhead and bull trout. It is currently blocked to upstream passage by a concrete barrier at river mile 1. Currently, water temperatures do not exceed 70F at the barrier and flows are estimated to be 2 cfs. The purpose of this project is to modify the barrier to allow for upstream passage at all flows and for all age classes of salmonids, making more than 10 miles of useable spawning and rearing habitat accessible. In addition, woody debris will be placed in the channel over a distance of 0.4 miles to compliment instream rearing habitat, recruit spawning gravels and provide velocity refuge during high flow events. Riparian trees will also be planted in the 0.4 miles to maintain cool water temperatures and provide large woody debris recruitment for future years. Lastly, a surface-water pump, with a water right of 0.5 CFS will be screened. The Confederated Tribe of the Umatilla Indian Reservation will provide \$5,000 towards modifying the barrier to allow upstream passage. The CREP program will be used as a \$5,000 cost share towards the project. The project is 0.4 miles long and 360 feet wide (17 acres), and will be enrolled in CREP for 15 years.

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Project Ref	Grantee	Subgrantee	Project Name	State
00-1845	WA IAC	Tacoma Water	White River Pipeline Crossing	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$940,000.00	\$0.00	Puget Sound

Project Description

The purpose of the proposed Tacoma Water project is to remove the concrete scour-prevention structure protecting its pipeline crossing under the White River (WRIA 10.0031). The objective of this project is to restore unimpeded fish passage in the vicinity of the existing concrete structure (river mile 23.3). The concrete structure was constructed in the 1920's to protect the City of Tacoma's municipal water supply pipeline (installed at a shallow depth under the river in 1912) from the scouring action of the White River. Tacoma Water proposes to replace the existing length of pipe under the river channel with a new length pipe. The new pipe, however, would be buried deep enough under the river to preclude the need for a dam. Thus, the dam and fish ladder could be removed and a fish passage barrier would be permanently removed.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1405	WA IAC	Kalispel Indian Tribe	Willow Creek Aquatic Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 -	Salmon Habitat Protection and Restoration	\$189,772.00	\$0.00	Pend Oreille

Project Description

This project would improve salmonid habitat in the N.F. Granite Creek and Willow Creek drainages through decommissioning 8.4 miles of unstable U.S. Forest Service roads. Portions of USFS Rds. 1122 and 1124 have either failed or are at risk of failing. These roads were closed to the public in 1996 with a guardrail to protect grizzly bear habitat. One of the closed roads, 5.5 miles long, is also a hiking trail. Road problems include: a chronic source of sediment to the streams from mass wasting, undersized and plugged relief culverts, non-functioning ditchlines, and culverts blocking fish passage. Budget reductions have prevented adequate road maintenance. The N.F. Granite Creek drainage supports adfluvial bull trout (BT) and resident Westslope Cutthroat (WCT). A natural barrier on the mainstem, Granite Falls, is a massive waterfall, blocks fish passage to the upper end of the drainage. Below the falls, WCT and BT are present and above the falls WCT are present. Fish surveys above Granite Falls have documented that ample spawning habitat exists. Direct benefits to native salmonids from this proposed project would be protection and enhancement of existing spawning/rearing habitat. Fish habitat would be improved by restoring habitat connectivity and by removing the failing road system that is currently delivering sediment to the channel. The project would make 5,100 ac., including 6 mi. of stream, accessible to fish. The Kalispel Tribe has a vested interest in this project because it is located within Kalispel ceded lands.

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Project Ref	Grantee	Subgrantee	Project Name	State
00-1682	WA IAC	Wolf Creek Reclamation Dist	Wolf Creek Diversion/Patterson Mountain	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$234,067.00	Upper Columbia

Project Description

Wolf Creek Reclamation District diverts irrigation water from Wolf Creek, a tributary to the Methow River. Wolf Creek provides habitat for three listed species. These are the Chinook Salmon and Upper Columbia River Steelhead as an "endangered" species and the Bull Trout as "threatened". WCRD Directors are committed to a progressive approach in dealing with listed species. Their goal is to find workable solutions to meet fish needs while at the same time, meeting their obligation to provide reliable irrigation supply. Key objectives in meeting these goals are: - restoration of stream flows by use of storage and conservation; -improvement of habitat; and, -development of better scientific understanding of fish needs. Efforts for Year 2001 call for repair of the existing surface flow on Wolf Creek. This structure impede fish passage during most of the summer months thereby restricting use of approximately 8 miles of quality habitat passage thus increasing habitat availability. The second effort will be continuation of the District's efforts to replaced open ditching on Patterson Mountain. When completed, water savings is expect to approach 1000 acre feet per year. Total cost for theses projects is \$275,373.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1710	WA IAC	Fish & Wildlife Dept of	Yakima & Naches Tributaries Rootwad	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$33,500.00	Yakima

Project Description

The Yakima Basin Limiting Habitat Factors Analysis, Yakama Nation Ecosystem Diagnosis & Treatment, Yakima IAC sub-group and BPA Yakima Sub-basin plan have all identified lack of instream wood (woody debris) as a limiting factor for both the mainstem Yakima and Naches Rivers, and their tributaries. We have identified six project sites on the Yakima River, Wide Hollow Creek, Cowiche Creek, Buckskin Slough, the Naches River, and on an unnamed tributary of the Naches River (within Eshbach Park) needing rootwad placement. Thanks to Yakima County, we have secured, temporary rootwad storage site in Naches, WA. And we have two rootwad sources, one private, the other is the Washington DOT. We also expect the county site will receive rootwads as part of HPA mitigation agreements. The funds we request are for transporting, and placement of the logs at the project sites. Under Yakama Nation and/or WDFW supervision, contractors will be hired to place logs in pre-determined portions of the stream. Monitoring will be carried out by the Naches Watershed Team - an Americorps crew. Cooperators in this grant include WDFW, Yakama Nation, Herke Rock, TreeTop Incorporated, Yakima County and NWSA---Americorps. If funded, project implementation will occur in 2001.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1714	WA IAC	Yakima Valley Restitution Ctr	Yakima Corrections Ripar. Enhance. Team	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-APR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$164,144.00	Yakima

Project Description

This project provides a supervised crew of offenders to implement streamside restoration at a variety of private and publicly owned sites in Yakima County. Riparian areas along the Yakima River provide critical habitat for roughly 80% of our state's wildlife, including ESA-listed steelhead and bull trout; however, these unique areas have been substantially altered by human activities. Successful restoration requires labor to suppress weeds that would otherwise out-compete desirable native plants. Through this project, diverse native plants will be sown and maintained for three years. The benefits will be improved riparian conditions for salmon, steelhead, resident trout (the target species), and terrestrial wildlife. Project activities: site preparation through cultivation or application of a glyphosphate-based herbicide; native plant sowing in the spring and/or fall; site maintenance to prevent the reintroduction of exotic, highly competitive weedy species. As the last step is critically important, each site will be revisited once per month through the growing season during the three years subsequent to restoration. The value of offender labor used for the project equates to \$850 per day, and \$219,000 for the three year life of the project. The project is supported by the Washington Department of Fish and Wildlife the Yakima Nation Fisheries Program, and the Yakima Valley Audubon.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1076	WA IAC	South Puget Sound SEG	96th Street Oxbow Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$49,676.00	Puget Sound

Project Description

The 96th Street Oxbow project is located on the right bank of the Puyallup River at river mile 14.5. The site is bounded by the Puyallup River on the west and straddles the intersection of Riverside Drive and McCutcheon Road. The oxbow is approximately 4-acres that has a perched drainage (10 feet above summer flows) to the river and it is choked with invasive vegetation. Currently, the oxbow provides no functions beneficial to fish. The wetland is almost entirely covered with dense Himalayan blackberry. The project involves reconnecting the oxbow (and associated 23 acre wetland) to the mainstem of the Puyallup River by installing a 64-foot long aluminum culvert with a 190-foot channel excavated 4-6 feet wide at 4.9% slope. The culvert and roughened channel will provide juvenile salmonids unrestricted access to the oxbow at all but the lowest summer flows. Juvenile coho, chinook, steelhead and cutthroat will directly benefit from the habitat that is made available by this project. Invasive vegetation (Himalayan blackberry and reed canary grass) will be cleared and re-planted with native plant species within 6-months of construction (seed and mulch will be placed over disturbed soils immediately after construction to prevent erosion of bare soils). **See attached photos.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1061	WA IAC	King Co Water & Land Res	Bear Creek Waterways, Reach A	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$150,000.00	Puget Sound

Project Description

The Hewitt Property is located on middle Bear Creek in Bear Creek Waterways 2000 Reach D. It is a 5.5 acre parcel that is split almost in half by Bear Creek with a house on the west half and the east half is undeveloped. Since Bear Creek at this location is a shoreline management stream the property owner has the ability under King County code to segregate the property and build a second house on the eastern half. King County is will acquire the eastern 2.5 acres with project funds. The acquisition will add to 40 acres of contiguous natural resource park and open space properties currently protected by the county. The property has two streams, encompassing 500 feet of chinook spawning and rearing habitat directly on Bear Creek and 400 feet of class II salmonid stream habitat known to host spawning coho.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1117	WA IAC	Willapa Bay RFEG	Bear River Wetlands - Lewis & Porter	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$55,283.00	Washington Coastal

Project Description

The Lewis and Porter Point Units of the Willapa National Wildlife Refuge on Willapa Bay represent one of the best opportunities to reestablish lost fish passage into two watersheds with existing high quality habitat. By reintroducing anadromous fishes to the watershed, the chance for long-term protection is enhanced, while valuable spawning and rearing habitat is recovered. Additional benefits to other forms of wildlife accrue from this project also. The actual project work will entail restoring fish passage to two streams that currently support land locked resident cutthroat trout. High quality habitat will be reaccessed. Historically, the area supported fish runs until the construction of dikes and installation of tide gates extirpated them prior to the 1940's for agricultural purposes. One check dam and associated delivery ditches were eliminated in 1999. Restoration activities for year 2000 will involve replacing two existing tide gate and flashboard riser structures with fish ladder and will provide access to over 2.5 miles of habitat including pristine spawning areas and upstream wetlands for both returning adults and juvenile salmonids. This project has been developed as both a protection and restoration project and represents an effort which reviewed over 220 projects, distilled these further to 15 candidates, and is one of the final 9 selected for submission in the Early 2000 funding cycle.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1181	WA IAC	Hood Canal SEG	Big Beef Creek Preservation Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 25-SEP-02	Salmon Habitat Protection and Restoration	\$0.00	\$136,000.00	Puget Sound

Project Description

The HCSEG has been working with Kitsap County and the University of Washington to keep the University of Washington Fisheries Research Station at Big Beef as an active fisheries research center that can be used to develop and conduct research on wild Hood Canal Salmon. This funding request is to finance the completion of a three phase project. The Project has proceeded over the last 3 years in 3 phases: Phase 1: Construct spawning channel (\$175,000 total project cost) Phase 2: Construct new 1200 GPM well near laboratory facilities (\$100,000 total project cost) This proposal is for Phase 3: to be completed in Summer of 2000. 1. The HCSEG proposes to preserve the 30 acre wetland on the west side of Big Beef Creek just upstream of the research facilities and Big Beef Harbor and associated wetlands by removing all of or portions of the existing roadway to the existing water supply well. The natural functions of this wetland, including sediment entrapment, have been altered by the construction of the roadway and it is proposed to reconnect the wetland to the creek and thus restore it to it's natural state. 2. Yard piping is required to deliver the water from the new well to the laboratory. 3. It is necessary to line the lower 200 feet of the spawning channel with large cobble to prevent erosion by the spawning salmon and to install new intake and outlet valving.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1070	WA IAC	Jefferson Co Cons Dist	Big Quilcene River Colyott Project		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$50,860.00	Puget Sound

Project Description

Project located at RM 1.2, Big Quilcene River. Objective is to enhance salmon habitat through the stabilization of transient large woody debris and to encourage deposition along the toe of a severely eroded bluff. Bluff is 20-40 feet high, 1,000 ft. long and is an active sediment source. The project entails constructing 12 "floating log groins", one rock groin, and modifying 3 existing rock groins to recruit LWD and sediment at the toe of the bluff. Floating log groins are comprised of two floating logs (Y-log systems) tethered at each end to large rocks. The logs float during high water events, breaking up the line of flow and dissipating energy, thereby encouraging gravel/sediment deposition. They also have the potential to recruit wood floating downstream that may otherwise pass through the system. Of particular value at this site, floating log groins offer the advantage of not needing to be "keyed" into the bank in order to function. No excavation is required to install the y-log systems; boulder ballast is placed on the surface of the existing bed. As such, they require a stable, keyed-in upstream control point and relatively close spacing for optimal performance. The rock groins will serve as the upstream control point. Project design has been completed by WDFW. Targeted species are summer chum, Chinook, coho, steel head, cutthroat. Partners include the Cons. Dist, Wild Olympic Salmon, WDFW and USFS. Project construction planned for summer 2000.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1853	WA IAC	King County DNR & Parks	Big Spring Creek Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$525,000.00	\$0.00	Puget Sound

Project Description

This acquisition project has several components. The first involves acquisition of parcels that surround the stream's headwaters in order to protect the spring source. The second and third components involve acquisition of parcels within two areas downstream of the headwaters that comprised the historic stream corridor but are now hydraulically disconnected due to the stream being diverted along a County road. One of these target areas is a riparian wetland and the other is open pasture. The stream has been routed around these properties, and now functions as a ditch. Acquisition of these second and third component parts would allow restoration of the historic stream corridor and riparian area. Big Spring Creek is a cold, spring fed tributary to Newaukum Creek a tributary to the Green River, near Enumclaw. It provides rearing habitat for coho and other salmon species (note the Newaukum coho run is listed in SASSI as "depressed"), and has significantly lower summertime temperatures than Newaukum Creek. Restoration at this site would occur as part of the Green Duwamish Ecosystem Restoration Study, a collaborative effort between King County, the US Army Corps of Engineers, and was endorsed as an 'early action' project by the Green - Duwamish Forum in 1998. This restoration, beginning as early as 2003, could involve extensive efforts from community groups such as Trout Unlimited, the Mid-Sound Fisheries Enhancement Group, and the King Conservation District.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1033	WA IAC	Cathlamet Town of, Fish & Wildlife Dept of	Birnie Creek Una Road Fish Passage	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$83,734.00	Lower Columbia

Project Description

The City of Cathlamet owns a culvert at Una Street at river mile 0.1 on Birnie Creek. The Creek flows through Cathlamet and is a tributary to the Columbia. This culvert is presently acting as a barrier to fish passage. The culvert is a four foot wide by six foot high concrete box placed at 5.7% slope, 74 feet long with seven foot aprons and wing walls. The downstream end of the culvert is submerged, back watering all but the upper 25+/- feet. At low flow this culvert is a depth barrier, and at high flow a velocity barrier. The proposal for the City of Cathlamet culvert at Una St. includes modifying the existing box culvert to provide fish passage with downstream grade controls and some upstream channel modifications. Coho, steelhead and cutthroat will be able to access over 7,000 m2 of spawning habitat and 28,000 m2 of rearing habitat. WDFW and the City of Cathlamet are working together on this project. Construction is scheduled for summer of 2000. The project is part of a larger effort to correct other barriers in the creek system.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1858	WA IAC	The Nature Conservancy	Black River Refuge	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$300,000.00	\$0.00	Washington Coastal

Project Description

This proposal is for aquisition of high quality riparian habitat along the Black River and Waddell Creek, one of the largest remaining riparian wetland systems in western Washington. The Conservancy will aquire and manage approximately 200 acres, 25 acres of which will be restored. Long-term management for the benefit of anadromous salmonids will likely reside with the USFWS. Black River and Waddell Creek provide important rearing and spawning habitat for anadromous salmonids including steelhead, coastal cutthroat trout (Fed. Proposed-threatened), and chum, coho (Fed. Candidate) and chinook salmon. This is one of the most rapidly developing areas in the state, with residential developement as the primary threat to salmonids. Key tracts, all of which lie within the boundary of the USFWS' Black River Refuge Unit, were prioritized for aquisition. These target properties contain a mix of riparian and floodplain habitat, forested uplands and former pastures. This project addresses habitat protection and water quality needs. Aquisition will permanently protect spawning and rearing habitat for anadromous salmon, and reduce future habitat loss and water quality degradation. Restoration will enhance the habitat potential for salmonids and improve water quality. This project has the support of the USFWS, Natural Resource Conservation Service, Ducks Unlimited, and Pacific Coast Joint Venture. Washington Conservation Corps will donate labor for restoration.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1177	WA IAC	Columbia Conservation Dist	BLC Riparian Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUN-00 - 17-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$37,890.98	Lower Snake

Project Description

Pataha Creek is a major tributary of the Tucannon River, tributary of the Tucannon River, tributary to the Snake River. Pataha Creek is located in Garfield & Columbia Counties of southeastern WA. Fish stocks of concern in the Pataha are bull trout & Snake River steelhead. Sediment contributions from the Pataha to the Tucannon River also affect the Snake River fall chinook & steelhead that spawn below the stream confluence. The objective of this proposal is to decrease stream temperatures in Pataha Cr. by planting native riparian vegetation along Pataha Cr. & providing an off-site watering source for approximately 450 head of cattle that now water out of the Pataha Cr. Secondary benefits of the project will be increased bank stabilization & increased bank roughness, reducing water velocities & increasing filtering of suspended sediment. The Pataha Cr. Model Watershed Plan, a watershed based fish habitat recovery plan, identified sediment & high water temperatures as limiting factors to fish production. The Pataha Cr. Plan was locally developed with the assistance of many state & federal agencies specialist with the support of the Bonneville Power Admin. Currently the cattle pass under #12 through 2 box culverts to water in Pataha Cr.. Broughton Land & Cattle (BLC) has agreed to not to graze the acreage on the north side of the highway if a water source is established on the south side. The plan is to drill a well on the south side & pipe the water to selected sites.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1081	WA IAC	Skokomish Indian Tribe	Bourgault/North Channel Restoration Ph.2	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-MAY-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$146,710.00	Puget Sound

Project Description

The proposed goal of Phase 2, Bourgault/North Channel Restoration Project, is to restore and maintain surface hydrologic connectivity between a historic river meander bend and the Skokomish River during all hydrologic flows throughout the system. The goals of the project are to increase salmon over wintering and summer rearing habitats, as well as increased spawning area. The site is located within the Skokomish Indian Reservation boundaries, Mason County, within four river miles of Hood Canal (USGS Skokomish Valley 7.5 minute map). WRIA 16 includes the Skokomish watershed, a Tier -1 Key watershed in the President's Forest Plan. The objectives for the above goal are to: provide channel maintenance for Phase 1 activities of this project; provide an increase in rearing area for salmon; increase spawning area; implement design of protective mechanisms and structures such as engineered log jams (ELJ's) at the head of the restored channel, removing exotic invasive vegetation, planting native species, installing sediment and livestock fencing, and other erosion control features. Resource Technicians employed from economically distressed counties and or other distressed vocations, (i.e. fishing and timber) will provide the labor in FY 2000 and FY 2001. Multiple salmon species and stocks are anticipated to make use of this restored area, including ESA listed threatened species Hood Canal summer chum and Puget Sound Chinook salmon.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1893	WA IAC	Willapa Bay RFEG	Butte Creek Restoration Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Salmon Habitat Protection and Restoration	\$74,500.00	\$0.00	Washington Coastal

Project Description

The Butte Creek project objective is to restore about one (1) mile of spawning habitat for salmonids. Our strategy this round was to focus on small streams where adequate data, willing landowners, and citizen support could be obtained. Because the last set of projects funded by the SRFB focused on estuary, we felt that spawning habitat needed to be addressed. "Salmon and Steelhead Limiting Factors in the Willapa Basin" lists lack of large, woody debris and spawning habitat in the North River watershed. The project will establish controls for pools and riffles, install LWD, and gravel. The LWD will be installed using the "engineered method". The riparian zone will be fenced and improved. Salmon have been seen attempting to use this stream, so access is not an issue for the main stream. However, because of a lack of quality spawning beds, production of this stream is limited. The upper reaches of the stream consist of forestland and DNR property that is in a protected status, and part of the watershed for Raymond water supply. Below the project area, there is a wetlands area that will provide rearing habitat. The missing element is sufficient spawning beds, which this project proposes to rectify. This project will target primarily Coho; however, Chinook and Cutthroat will benefit also. This is a partnership project with WBFEG, the property owners, Pacific County, and the South Bend School District who will perform monitoring, maintenance, public outreach and education.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1041	WA IAC	Fish First	Carter-Malinowski-Shimano Cedar Creek	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$66,421.00	Lower Columbia

Project Description

This project will restore degraded salmonid spawning habitat, improve stream complexity and recover and restore rearing habitat on 0.4 miles of the Amboy to Yacolt reach of Cedar Creek, a tributary of the North Fork of the Lewis River in Clark County. According to the draft WRIA 27 Limiting Factors Report: "The Cedar Creek watershed provides the majority of spawning and rearing habitat left for all species of anadromous fish in the NF Lewis River system." Present in the Cedar Creek system are Chinook and steelhead (threatened); coho -(candidate for listing as threatened) and Cutthroat (proposed for listing). The draft WRIA 27 Limiting Factors Report and the Lower Columbia Steelhead Conservation Initiative both identify the system as sanctuary habitat in need of protection and restoration. The subject properties have historically provided excellent spawning and rearing habitat that has become seriously degraded due to past removal of most large woody debris. The removal has resulted in loss of stream complexity, spawning gravel locked up in a mix of cobble and substrate fines, and loss of access to high quality rearing habitat. This project will continue work done in 1999 (Phase 1) of the project by developing in-stream spawning beds anchored by large rock vanes, adding root wads and other LWD and recovering lost rearing areas.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1790	WA IAC	King Co Water & Land Res	Cedar River/Dorre Don Meanders Reach	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$170,000.00	\$0.00	Puget Sound

Project Description

This project takes a reach approach to continue acquisition of high value salmonid habitat within an approximate 100-acre reach of the lower Cedar River mainstem between approximately rivermile 15.0 and 16.3. Of the total Dorre Don Meanders Reach, almost half is already protected and consists of floodplain, side channel, and riverine habitats that is among the largest area of protected salmonid habitat within the lower Cedar River. The remaining unprotected portions of the reach include unbroken stretches of mainstem riverine habitat up to 800 feet in length and side channel areas located on multiple parcels of approximately 5 acres. The Cedar River supports one of the few known native runs of chinook in the WRIA and adds to the base of protected habitat area for coho, steelhead, sockeye, resident trout, and wildlife. The Cedar River Council supports this project and ranked its highest priorities in 2000. The anticipated outcome of this project is to permanently protect additional valuable habitat in this reach thus creating a significantly sized core habitat for salmonids in the lower Cedar River. The reach approach acknowledges that salmonid habitat and its protection nearly always requires working at a larger geographic scale than that of a single parcel or non-contiguous parcels. The strategy is to focus on the overall reach and achieve protection of the reach a few parcels at a time.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1784	WA IAC	King Co Water & Land Res	Cedar River/Ricardi Reach	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$212,500.00	\$0.00	Puget Sound

Project Description

This project takes a reach approach to continue aquisition of high value salmonid habitat within an approximate 25-acre reach of the lower Cedar River mainstem between approximately RM 7.2 & 7.4. An additional 16 acres of the reach would be protected including riparian forested floodplain, 1,700 feet of river frontage along both banks and the mouth and lower reaches of a spring-fed tributary. This project builds on other significant conservation efforts including buyout of two homes and partial floodplain restoration in 1997 and the donation of 7 acres of adjacent floodplain in 1999. The Cedar River supports one of the few known native runs of chinook in WRIA 8 and adds to the base of protected habitat area for coho, steelhead, sockeye, resident trout and wildlife. The Cedar River Council supports this project and ranked it among its highest priorities in 1998. The anticipated outcome of this project is to permanently protect additional valuable habitat in this reach thus creating a significantly sized core habitat for salmonids in the lower Cedar River. The reach approach acknowledges that salmonid habitat and it's protection nearly always requires working at a larger geographic scale than that of a single parcel or non-contiguous parcels. The strategy is to focus on the overall reach and achieve protection of the reach a few parcels at a time.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1074	WA IAC	King Co Water & Land Res	Cedar River/Taylor Creek Confluence	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$170,000.00	Puget Sound

Project Description

The Lower Cedar River watershed is located in southeastern King County and covers 66 square miles including 20 miles of river. It provides over half the fresh water inflow to Lake Washington, and for its size, it supports one of the largest salmon populations in the state including sockeye, coho, steelhead, and ESA-listed chinook. The Draft State/Tribal Plan for WRIA 8 calls the Cedar River and Bear Creek populations of chinook "the healthiest naturally spawning population in the (Greater Lake Washington) watershed. This project would aquire approximately 7 acres of forested riparian floodplain on the Cedar mainstream including 1,000 feet of mainstream channel, nearly 1,300 feet of the lowermost reach and the mouth of Taylor Creek, and one of the largest remaining floodplain wetlands adjacent to the mainstream. Additionally, directly across the river is a 13-acre forested floodplain and side channel acquisitionsite. About 500 feet upriver there is a project that involves setting back the levee, bioengineering the levee face and creating groundwater-fed spawning habitat. About 800 feet upstream of Taylor Creek there is a project that would alleviate long-standing flooding and improve habitat and water quality in Taylor Creek. Finally, this site was selected by the Cedar River Council in 1999 as a top priority for protection under the Cedar River Legacy program, which was initiated in 1994 and has protected over 400 acres of habitat in the lower Cedar River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1178	WA IAC	Jefferson Land Trust	Chimacum Creek Watershed Acquisitions	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$170,000.00	Puget Sound

Project Description

This project will build upon the successes of Jefferson Land Trust under the \$500,000 grant funded by the Riparian Habitat Program. JLT is purchasing conservation easements on the forested headwaters of the East and West forks of Chimacum Creek. This project will fund the acquisition of interests in real property situated on the Mainstem of Chimacum Creek. The project area begins at the ownership where the East Fork and the West Fork converge and extends north to the point where the Mainstem enters the estuary. The acquisition of conservation easements or fee-simple interests will preserve mixed conifer/alder riparian forests on an area being considered for designation as an Urban Growth Area. The East and West forks converge on land abutting H.J. Carroll County Park to the East. The West fork flows through a portion of the park that is under long-term lease to Wild Olympic Salmon. An easement on the abutting ownership would allow a tie-in with the educational center and nature trail constructed by WOS. The Northerly terminus of the project area is at land that is owned by Trout Unlimited. The estuary is under single ownership and WDFW is negotiating with the landowner for a purchase that is funded through IAC. The acquisitions will protect significant summer and winter chum spawning habitat and coho rearing refugia, as identified in the 1996 Chimacum Watershed Coho Salmon Restoration Assessment by Bahls and Rubin.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1860	WA IAC	Nisqually R Basin Land Trust	Collins/Bartlett Shoreline Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-FEB-01 -	Salmon Habitat Protection and Restoration	\$168,300.00	\$0.00	Puget Sound

Project Description

The objective of the Collins/Bartlett shoreline purchase is to permanently protect a section of the mainstem Nisqually River (WRIA 11) by acquiring in fee 20 acres, with approximately 1200 feet of river frontage. These two 10-acre parcels are adjacent to larger 20+ acre Land Trust ownership, and acquiring them will expand this block of permanently protected habitat. The Collins parcel is undeveloped and has excellent habitat values. The Bartlett property is primarily pasture and will be an excellent area for habitat restoration. If purchased, the land will remain undeveloped in perpetuity; this will facilitate improvement of natural salmon production of the mainstem Nisqually. This project is part of a larger salmon recovery priority for the Nisqually River, to permanently protect the mainstem Nisqually shoreline and riparian habitat, a distance of approximately 42 river miles (or 84 shoreline miles). Acquisition of this critical habitat is well underway in the Nisqually basin, with over 65% of these shoreline miles permanently protected. Acquiring the Collins/Bartlett shoreline is an important step in furthering this implementation. This acquisition will primarily benefit Chinook salmon and steelhead, both species that depend on the mainstem for spawning and rearing. The applicant will hold title to the land and provide long-term stewardship and land management. The project is supported by the Nisqually River Council and the Nisqually Indian Tribe.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1861	WA IAC	Thurston Co Cons Dist	Cozy Valley Creek Enhancement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-02 -	Salmon Habitat Protection and Restoration	\$33,000.00	\$0.00	Washington Coastal

Project Description

Cozy Valley Creek is a tributary to Scatter Creek and therefore a subwatershed to the Chehalis River. The creek and its tributaries currently support Coho and Cutthroat juvenile salmonid species with the potential to increase spawning habitats into further upland tributaries. Much of the upper valley lies within the ownership of the Heernett Foundation, whose goals are the protection and restoration of stream and wetland habitats within Cozy Valley through enhancement and land acquisition. The proposed project will focus upon restoring functional spawning and rearing habitat to a 1,000 foot section of creek with a man-made pond. Based upon determinations of historical channel function, the large woody debris will be used to create pool habitats currently lacking within the existing channel, and the banks of the pond regraded and planted with native vegetation to create a more functional littoral zone. The completed project will be made available for public viewing and visitation by school groups in an effort to educate the community about the benefits of habitat restoration. Funding through IAC will be complimented by existing funding through the USFWS Chehalis Fisheries Restoration Program of \$46,300 for two years. In-kind services will also be provided by the Heernett Foundation, Thurston Conservation District, and WDFW. Funding and services will be applied to restoring wetlands throughout the entirety of Cozy Valley, starting with those properties owned by Heernett.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1672	WA IAC	Island County of	Crescent Bay Salt Marsh/Salmon Hab. Rest	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-FEB-01 -	Salmon Habitat Protection and Restoration	\$443,849.00	\$0.00	Puget Sound

Project Description

We propose to remove the tidegate, restore and open channel connection to Crescent Bay and eliminate the Marsh's drainage ditches and dikes. As a result, juvenile salmon habitat and other wetland functions will be restored to Crescent Bay Salt Marsh, Naval Air Station Whidbey Island, significantly increasing the area and quality of estuarine habitat for juvenile salmon rearing along northern Puget Sound shorelines. These actions will promote natural access and use by juvenile salmon and other fishes to the Marsh and linkages to the Crescent Bay ecosystem. The initial 3-year phase of the project will involve pre-construction, baseline ecological assessment, engineering feasibility, hydrological and geomorphological design, construction and post-construction evaluation. A second SRFB proposal will be submitted in Year 3 using initial monitoring results to develop and implement a long-term (e.g. 10 yr) monitoring and adaptive management plan. Island County, will manage the project including; the restoration design in collaboration with hydrologists and geomorphologists from Phillip Williams and Associates; the Corps of Engineers providing technical expertise on the flood study; the Navy and SeaBees removing the tidegate and dikes, excavating the entrance channel and modifying the interior ditches; and, the NASWI managing the Beach Watcher, Oak Harbor Middle School and Boy Scout volunteers for monitoring and revegetation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1222	WA IAC	The Nature Conservancy	Dashiell Tract Protection Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$373,828.00	Puget Sound

Project Description

The Skagit River is the most productive salmon river in the Puget Sound. The middle Sauk River hosts the second highest salmon spawning density in the Skagit system. It is home to large numbers of ESA listed Chinook and many other salmonids. Perhaps the most complex reach in the system, its numerous side channels, sloughs, and tributaries provide a wide range of spawning and rearing habitats. This project will protect some of the most productive salmon habitats in the Skagit watersheds. This parcel contains over 1 mile of mainstem river frontage, sloughs, side-channels and riparian forest. Chinook, Pink, Chum, Coho, Cutthroat, Steelhead and Bull Trout all spawn and/or rear in the adjacent mainstem reach. Coho spawn in the tributary running through the parcel and rear in the sloughs. The Nature Conservancy (TNC) plans to utilize a combination of fee and easement purchases to secure protection of the property. TNC will manage the land as part of its Skagit River preserve to ensure its long-term protection. This project complements other salmon recovery efforts in the area. The Skagit Fisheries Enhance Group has implemented restoration projects along tributaries of this reach. The state owns land on two sides of the parcel. Seattle City Light (SCL) has acquired three nearby parcels in the last two years. The Dashiell acquisition will be a tremendous addition to currently protected habitat. Both TNC and SCL are committed to future work in this area.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1708	WA IAC	Pomeroy Conservation Dist	Deadman Creek Riparian Restore #2	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 -	Salmon Habitat Protection and Restoration	\$32,923.00	\$0.00	Lower Snake

Project Description

The project is on Deadman Creek, a tributary of the Snake River, which has a current Snake River Steelhead population. The stream currently provides water for approximately 150 animal units. The main objective is to establish a riparian buffer meeting NRCS specifications through an area that has been mainly used for winter livestock feeding and calving. The landowner has partially fenced the stream corridor, leaving water gaps for animal access: these areas are in need of rehabilitation. Bank sloughing and runoff contribute sediment and nutrients to the stream influencing fish habitat, water quality & riparian health. The goal of this project is to maintain cool water temperatures, reduce sediment & reduce nutrients, increase riparian habitat and diversity, & improve fish habitat, by developing an off-stream watering system and eliminating the need for cattle to enter the stream. Components are: livestock watering systems, stream crossing, 12,000 feet of riparian fencing, and complete 4 acres of riparian plantings. There is no existing power source, so a remote site generator will be used to pump from a well. The riparian corridor is now a near pure stand of hawthorn. The planting plan will be to remove a portion of the stand and interplant with species historically present in this plant community. There will be approximately 20 acres within the buffer. Project cooperators are the landowners, District, Natural Resources Conservation Service and Farm Service Agency.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1084	WA IAC	Hood Canal SEG	Dewatto River Riparian Easement Acquisit	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$155,000.00	Puget Sound

Project Description

The Dewatto River System was the first project of its type in Washington State to look at restoration and preservation of an entire watershed holistically and not just at one problem at a time. In the last two years all major fish passage barriers have been removed from this system. This proposed project is the next step to insuring that the Dewatto River will remain as pristine as possible by delineating a riparian corridor for the entire river through mapping, surveying, evaluating, estimating and purchasing conservation easements. The Dewatto River project will preserve over 12 miles of main stem river system habitat and become the prototype for other river systems in the Hood Canal watershed. We will acquire as many easments as possible to preserve this system with the limited funds we have requested this round. We will work with qualified consultants from various deciplines including real estate, fisheries, forestry and land management and will partner with the Hood Canal Land Trust for long-term representation. Surveys, mapping and monitoring shall be carried out by students, interns and volunteers under the guidance of certified field professionals and follow protocols set down by various state agencies. We will use either professional appraisers or use realtors letters of opinions and estimates of value in determining agreements and easement descriptions with landowners.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1702	WA IAC	Columbia Land Trust	Dillacort Canyon	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$334,075.00	\$0.00	Middle Columbia

Project Description

Dillacort Canyon aquisition proposal is the fee simple purchase of 579 acres of land including 6,000 linear feet of Dillacort Creek and 6,500 feet of Klickitat River. Dillacort is an east bank tributary, which enters the Klickitat River at River Mile 5 1/2. Dillacort provides spawning and rearing habitat for anadromous fish stocks, primarily steelhead and coho. In 1996, a new culvert allowed the first successful passage and spawning in Dillacort since 1974. Wild Klickitat River steelhead are federally "threatened" and have limited tributary spawning and rearing opportunities in this portion of the basin. This proposal ensures that two miles along the Klickitat River and Dillacort Creek will be conserved for steelhead spawning and rearing habitat. Dillacort is just 5 miles from the town of Lyle and faces increasing development pressures. It is accessible, with beautiful views and therefore highly threatened by road and house construction. The proposal includes the aquisition of 382 acres and donation of 197 acres. Combined with existing Washington Department of Fish and Wildlife land, this proposal would conserve more than 1 1/2 miles of Klickitat River and riparian habitat in perpetuity. The proposal would continue to allow grazing rights on the uplands to the seller. Columbia Land Trust and Yakama Nation will enhance and monitor the site through Yakama Nation Fisheries donation and a cooperative sponsorship of BPA funded projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1720	WA IAC	Poulsbo City of	Dogfish Creek Estuary Bridge	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-FEB-01 -	Salmon Habitat Protection and Restoration	\$1,430,000.00	\$0.00	Puget Sound

Project Description

The City of Poulsbo will restore habitat and ecological functions to the upper Liberty Bay/Dogfish Creek estuary by removing the culvert that blocks saltwater exchange over 4 acres of tidelands. This shoreline/tideland complex is listed as critical habitat by NMFS to the recovery of Puget Sound chinook. The benefits gained from this project include recovery of the intertidal marine algae, epibenthic production of primary juvenile salmon food items including copepods and amphipods and other invertebrates, and enhancement of associated habitat attributes. Dogfish Creek has runs of chinook, coho, and chum salmon and steelhead and cutthroat trout that will benefit from this project. This bridge project will tie into City Parks Department's passive use/salmon education trail and riparian property acquisition to protect and restore Dogfish Creek's salmon runs.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1038	WA IAC	Skamania Land Owners Assn	Duncan Creek Dam Fish Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 09-APR-01	Salmon Habitat Protection and Restoration	\$0.00	\$148,344.00	Lower Columbia

Project Description

The Duncan Creek Dam Fish Restoration project restores anadromous salmonid passage through a dam owned and operated by the Skamania Landing Owners Association located at the mouth of Duncan Creek in Skamania County. In it's current condition, the dam is a complete passage barrier to chum salmon and partial barrier to coho salmon and steelhead. All of these species are currently listed or are candidates for listing under the federal Endangered Species Act. Restoration of passage will be accomplished by replacing an existing six-foot diameter culvert with an open concrete flume fishway. Design of the flume was reviewed by WDFW and represents the favored alternative for future fish passage. This project restores access to historical chum salmon spawning in springs and seeps along the perimeter of Shahala Lake and an additional stream bed of coho and steelhead spawning and rearing habitat along Duncan Creek. Improved fish passage and rebuilding of naturally reproducing populations of chum, coho, and sea-run cutthroat are priorities described in the 1994 Fish and Wildlife Program. Duncan Creek is one of only a handful of streams on the Columbia which have historically supported chum production. Work is expected to begin in the summer of 2000 and be completed by winter, 2000. Project success will be monitored by WDFW and SLOA residents, through annual fish counts and habitat inspection.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1047	WA IAC	Jamestown S'Klallam Tribe, Sequim-Dungen	Dungeness Water Cons.- Instream Flows	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$207,640.00	Puget Sound

Project Description

The project will improve salmon habitat by increasing instream flows, (especially during critical low flows), by piping irrigation canals with proven high losses in the Dungeness watershed WRIA 18, Clallam Co. Lowering temperatures by increasing flows & volumes will improve water quality; piping canals will eliminate the introduction of coliform/other pollutants into the Dungeness. The project will benefit all Dungeness River salmon stocks including listed Dungeness Chinook, Summer chum, & Pink and Bulltrout. Proposed projects are high priority from "D.R.A.W.U. Comprehensive Water Conservation Plan". The project is sponsored by Dungeness Valley Agricultural Water Users Assoc. and Jamestown S'Klallam Tribe, and can begin immediately for completion by 12/31/2000. Preliminary design/engineering is completed; construction will be within existing rights of way; no additional permits required. A SEPA checklist was completed for the Conservation Plan. State dollars will be used for contracted labor, materials/equipment/project management, and project success monitoring. The Association and Tribe will provide engineering, inspection, some labor and equipment. This project is identical to others completed that have increased irrigation efficiency, resulting in quantifiable amounts of water left instream.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1817	WA IAC	Jamestown S'Klallam Tribe	Dungeness Water Cons./Instream Flows	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	29-JAN-01 -	Salmon Habitat Protection and Restoration	\$169,516.00	\$0.00	Puget Sound

Project Description

Salmon habitat will be improved by increasing instream flows (especially during critical low flows) by piping leaking irrigation canals in the Dungeness watershed WRIA 18 Clallam Co. An estimated 5 cfs will be saved. All stocks of Dungeness River salmon including listed Puget Sound chinook, Hood Canal/Easter Strait of Juan de Fuca summer chum, bulltrout, pink and steelhead will benefit from increased river flows. Proposed projects are recommended in WRIA 18 Limiting Factors to address low flows & are high priority in DRAWU Comprehensive Water Conservation Plan prepared under Ref. 38. SEPA checklist was completed for the Plan. Increased flows will also lower river temperatures; piping canals will eliminate the introduction of pollutants into the Dungeness. The Jamestown S'Klallam Tribe is the project sponsor partnering with the Water Users Association. Work can begin immediately. Preliminary design/engineering is completed; construction will be within existing rights of way; no additional permits are required. Estimated costs come from State funds, Water users O&M budget and inkind services. State dollars will go to contracted labor, materials/equipment/project management and project success monitoring. The WUA and Tribe will provide engineering, inspection, some labor/equipment. Identical to past projects resulting in water left instream through irrigation efficiency, this project will result in increased flows and quantifiable increases in chinook salmon habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1036	WA IAC	Fish First	DuPuis Chelatchie Creek Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 12-DEC-02	Salmon Habitat Protection and Restoration	\$0.00	\$34,670.84	Lower Columbia

Project Description

This project will restore degraded salmonid spawning habitat and improve stream complexity on 0.4 miles of Chelatchie Creek, a tributary of Cedar Creek which is a tributary of the North Fork of the Lewis River in Clark County. According to the draft WRIA 27 Limiting Factors Report: "The Cedar Creek watershed provides the majority of spawning and rearing habitat left for all species of anadromous fish in the North Fork (Lewis River) system." Two species listed as threatened (Chinook and Steelhead) and one candidate for listing as threatened (Coho) and one proposed for listing (Cutthroat) are present in the Cedar Creek system. The draft WRIA 27 LFR and the Lower Columbia Steelhead Conservation Initiative both identify the system as sanctuary habitat in need of protection and restoration. The subject properties have historically provided excellent spawning and rearing habitat with spawning habitat that has become degraded due to past removal of most large woody debris and sediment locking up otherwise excellent spawning gravel. The rearing habitat on this property is excellent, probably the best on the Cedar Creek system. This project will develop in-stream spawning beds anchored by large rock vanes and add root wads and other LWD.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1077	WA IAC	Jefferson Co Cons Dist	E. Chimacum Creek RM 1.2 - 2.3	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$89,200.00	Puget Sound

Project Description

Project area is RM 1.2 - 2.3 on E. Chimacum Creek. Objective is to improve salmon habitat and water quality in a low-gradient, channelized, agricultural reach. This reach has very low dissolved oxygen levels during summer (2.8 mg/L recorded at downstream end) due to channel clogged with reed canarygrass and a little functional riparian vegetation. Project will remove canarygrass from channel, re-meander where possible, excavate bank margin pools, anchor LWD in pools/channel and plant trees/shrubs on streambanks to control canarygrass. Stream fencing and off-stream livestock watering systems will be installed where applicable. Anticipated outcomes are higher dissolved oxygen levels, lower fecal coliform and stream temperature levels, improved channel structure, fish habitat and riparian function. Improved water quality & habitat will target coho, steelhead & cutthroat directly, and summer chum (they spawn in the lower reach of Chimacum Creek). Project area extends a 1400' reach re-meandered in 1999. Partners include landowners, Wild Olympic Salmon, North Olympic Salmon Coalition and Conservation District. Planning/permitting & some construction in summer 2000; remaining in summer 2001. Riparian vegetation management extends through 2005.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1156	WA IAC	Fish & Wildlife Dept of	Early Winter Canal Fish Screen	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 25-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$100,000.00	Upper Columbia

Project Description

Early Winter Ditch (EWD) is located approx. 15 mi. NW of Winthrop & consists of a head-gate structure & a double unit fish screen facility built in 1952 which does not meet current WDFW & NMFS criteria for fish protection. This facility is located on USFS property & was one of six ESA "Sec. 7d" diversions prohibited by NMFS from diverting water in 1999 until mesh size an approach velocity criteria were in compliance with the current screening criteria. As a temporary fix, the two drums have been covered, at owner expense, with stainless steel perforated plate with 3/32 in. dia. holes. The EWD Co. has also been required to reduce diversion flow to 14.5 cfs from the normal spring maximum of 20 cfs to comply with the 0.4 fps approach velocity criteria. The drums are paddlewheel-driven with one of the drums prone to stalling & becoming plugged with debris causing approach velocity criteria to be violated at the other screen. When functioning properly, the 3.5 ft dia. drums (6 x 8 ft long) provide enough submerged area for a max. flow of 14.5 cfs at 85 % submergence. The center pier & perpendicular (90deg.) drum orientation provide poor fish guidance to the bypass & do not meet current screening criteria. NMFS criteria requires all fish screens over 4 ft wide to be orientated a minimum of 45 deg. to flow. WDFW, NMFS & BOR use 22 deg. orientation for all screen upgrades. YSS will replace this facility, based on RCW 75.20.061, after the EWDC & DOE resolve diversion issues.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1671	WA IAC	Kalispel Indian Tribe	East Branch LeClerc Rd - Abandonment	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$202,000.00	\$0.00	Pend Oreille

Project Description

The LeClerc Creek drainage is a documented spawning and rearing stream for bull trout and cutthroat trout. It is one of few streams in the area that supports bull trout and has potential for species recovery. In 1996, Stimson Lumber Company completed a watershed assessment of this drainage and identified approximately two miles of cost share road on USFS land to contribute excessive sediment to this stream. In 1999, the USFS completed Phase I of the project by constructing a new road to divert traffic from the stream. Without adequate funding to rehabilitate the abandoned section, the USFS agreed that the Tribe, with its experience in erosion stabilization projects, riparian restoration, and instream fish habitat, would take the lead in funding and completing Phase II. The proposed project includes re-establishing original contours and revegetating the original road bed. This includes restoration of aquatic and terrestrial habitat as well as hydrology. This will be accomplished according to the draft inter-agency rehabilitation plan (attached). It is our goal to benefit the continued existence and eventual recovery of bull trout and cutthroat trout. Other listed species in this area include grizzly bear, woodland caribou, and Canadian lynx. This project has the support of the Pend Oreille Watershed Coordinating Committee, Pend Oreille County, Stimson Lumber Company, WDNR, WDOE, WDFW, USFWS, USFS, Pend Oreille PUD No. 1, and Seattle City Light.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1884	WA IAC	Lower Elwha Klallam Tribe	East Twin River LWD Placement	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	12-MAR-01 -	Salmon Habitat Protection and Restoration	\$722,500.00	\$0.00	Puget Sound

Project Description

This project will help to re-establish the dominant ecological processes of East Twin River to improve and protect water quality and productive fish habitats. The project will restore wood to the channels to provide for natural storage and routing of sediment and cover for fish, help rebuild adequate riparian forests to improve fish habitat and water quality; and provide for vital off-channel winter habitat for salmon. It is anticipated the project will create about 3 miles of improved spawning habitat, 3 miles of improved rearing habitat and 4 miles of improved riparian forest habitat. The WRIA 19 Limiting Factor Analysis verifies that these channel reaches are LWD depleted and suffer from excessive sedimentation. Logging activities have heavily impacted the riparian area. LWD placement into Sadie Creek will be accomplished by tower and cable from existing landings and/or by helicopter. The Instream work in Sadie Creek will be done by a contracted "Spider". LWD placement into the East Twin will primarily be constructed conifer logjams done by track hoe. Some on site wood will be utilized in the East Twin; however, logs will be trucked in to meet the wood requirement. The East Twin segment will be modeled to emulate the Deep Creek and Little Hoko Restoration Projects. The Sadie Creek segment of the project will be used to evaluate the feasibility of employing this restoration technique on a much larger scale on other wet side rivers.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1892	WA IAC	Willapa Bay RFEG	Elk Creek Restoration Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Salmon Habitat Protection and Restoration	\$70,000.00	\$0.00	Washington Coastal

Project Description

The objective of the Elk Creek project is to restore about 1.2 miles of spawning habitat for salmonids. "Salmon and Steelhead Limiting Factors in the Willapa Basin" identifies loss of spawning habitat and LWD in the Willapa River watershed, which this project addresses. Our strategy this round was to focus on small streams where adequate data, willing landowners, and citizen support could be obtained. Focusing on streams near estuarine projects help utilize and enhance the salmon capability. The unique feature of this stream is the large existing estuary at the mouth of the stream; however, loss of spawning habitat fails to take advantage of this excellent rearing habitat. By connecting these two (2) important elements, the project will restore spawning habitat for salmon recovery. Control structures for stream pool and riffle creation will be installed. The LWD will be installed using the "engineered method." Riparian zone will be improved and fencing will be provided for livestock exclusion. Salmon have been observed using the stream, thus access at the lower end is not an issue. This project will be a partnership with landowners, WBFEG, and the South Bend School District, who will do monitoring, maintenance, reporting, public outreach, and education. The area was logged about 10 years ago; the area is stable now with very limited road access and no activity is expected for about 30 years. All landowners along the creek are very supportive of the project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1073	WA IAC	Lower Elwha Klallam Tribe	Elwha River Floodplain Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$273,211.00	Puget Sound

Project Description

The Elwha River Floodplain Restoration proposal includes 3 sub-projects designed to enhance existing habitat and restore the dominant physical processes in the river. Physical restoration is necessary to improve the remaining natural habitats in the 4.9 miles of accessible river below Elwha Dam. This reach has been degraded by ecological changes associated with the dams and human activities in the floodplain. Floodplain restoration efforts in the lower river are consistent with the implementation of the Elwha River Ecosystem Restoration Act (ERERA), which establishes a process for removal of two aging hydroelectric dams which block passage to 85% of the basin. Though floodplain restoration in the lower river was not fully addressed in the ERERA process, recent assessments suggest the need to actively restore floodplain habitat formation processes prior to dam removal. Our proposal includes the following elements: 1) construction of engineered logjams in both mainstem and side-channel habitats to provide multi-species fish habitat, 2) completion of previous habitat enhancement efforts began in 1996 at Boston Charlie Creek, and 3) removal of soil deposits associated with construction of the Tribes' hatchery outfall to reactivate overflow channels. These deposits act as a perpendicular floodplain dike and their removal will facilitate reactivation of a historic estuary distributary. This proposal builds upon past floodplain restoration efforts conducted since 1994.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1669	WA IAC	Chelan/Douglas Land Trust	Entiat River Habitat Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$1,479,580.00	\$0.00	Upper Columbia

Project Description

The Chelan-Douglas Land Trust seeks to acquire and permanently protect from development nearly three miles of some of the most important salmonid spawning and rearing habitat on the Entiat River. The Entiat River is one of four upper Columbia River tributaries that support anadromous Pacific salmonids and is critical to efforts to recover salmon in this region. These properties all occur in the "stillwaters" region of the Entiat between river mile 16 and 26. This section has the best spawning gravels, pools, and rearing habitat due to the low river gradient in this reach. Spring and Summer Chinook, Steelhead, and non-anadromous Bull Trout all utilize this stretch of river. This stretch of river is also mostly in private ownership and is subject to rapid residential and recreational development. It is not an exaggeration to say that the future of anadromous fish runs on the Entiat depends on the protection of habitat in this stretch. If this property is not acquired now, it will be more expensive or unavailable in the future. This project is supported by a variety of groups, including Chelan County, WDOE, WDFW, Forest Service, U.S. Fish & Wildlife, NMFS, and Trout Unlimited.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1147	WA IAC	Trout Unlimited Icicle Vly	Entiat River Off-Channel Rearing Habitat	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$162,398.00	Upper Columbia

Project Description					
<p>This is a cooperative salmon & steelhead habitat enhancement project between Trout Unlimited (TU), WDFW, USFS, Chelan County Public Works Dept. & others aimed at helping endangered spring chinook salmon, endangered summer steelhead trout & other anadromous & resident salmonids (including threatened resident bull trout) within the lower Entiat River drainage. The Entiat River lies within the Upper Columbia River Evolutionary Significant Unit & harbors federally listed spring chinook & summer steelhead (Endangered), & bull trout (Threatened). This project, designed & engineered by WDFW, will create approximately 0.4 mile of high quality, year round off-channel salmon & steelhead rearing habitat on WDFW owned land adjacent the mainstem Entiat River at rivermile 6.5 just upstream of Roaring Creek. Lack of juvenile rearing habitat (particularly overwintering habitat) has been identified in the 1999 Limiting Factors Analysis for the Entiat River as the most important limiting factor for salmonid production within the Entiat watershed. The objective is to create year-round rearing habitat, predator escape cover & high flow refuge areas through the placement of buried water control/intake culvert, excavation to groundwater & placement of several hundred rock & log fish structures within the new channel. TU & WDFW will implement the construction & WDFW will implement the monitoring plan.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1082	WA IAC	Pierce Co Conservation Dist	Flett Creek Dam Removal Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 10-OCT-00	Salmon Habitat Protection and Restoration	\$0.00	\$48,340.00	Puget Sound

Project Description					
<p>The project will consist of removing a dam and adjacent dilapidated fish ladder structure on Flett Creek, a tributary to Chamber Creek (WRIA 12) in the city of Lakewood. The stream has down cut below the dam rendering the existing fish passage structure impassable to salmon. The fish ladder has also undermined and become unstable. The project will remove the dam and fish ladder, then re-grade the stream back to its original slope. This project will eliminate the last fish passage barrier in the Flett Creek drainage, insuring unimpeded access for chum salmon, coho salmon, and cutthroat inhabiting the stream. There is approximately 2 miles of habitat above the dam. Project partners include the City of Lakewood (providing a 20% funding match), South Puget Sound Salmon Enhancement Group, and Puyallup Tribe. The construction schedule for this project will be summer of 2000.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1165	WA IAC	Fish & Wildlife Dept of	Fulton Canal Fish Screen	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 08-FEB-01	Salmon Habitat Protection and Restoration	\$0.00	\$33,500.00	Upper Columbia

Project Description

Fulton Canal Fish Screen: The Fulton Canal is located on the lower Chewuch R. near Winthrop WA. A single 3.5-ft dia. by 12-ft long electric-driven drum currently screens up to 22 cfs resulting in an average approach velocity of 0.7 fps & measured (hot) spot velocities exceeding 1.2 fps. The existing screen has a maximum capacity of only 12.7-cfs at 85% submergence before exceeding the 0.4-fps velocity criteria established by WDFW and NMFS. This screen is oriented 90 degrees to the canal flow, which inhibits fish from rapidly accessing the bypass system to return to the river & does not meet current criteria. The woven wire mesh screen cloth, nominal 1/8 + inch openings, is too large to prevent emergent steelhead, bull trout, & small chinook salmon fry from entrainment (does not meet the current 3/32 inch opening criteria). The worst feature of this site is the bypass system that returns fish back to the river. The entrance downwell is undersized & the return to the river runs fish over a bedrock ledge at high velocity. YSS proposes to replace this facility based on authority RCW 75.20.061 prior to the start of the 2000 irrigation season. This project was initially funded during the "1999 Early Action" cycle (\$100,000 IAC, + \$50,000 sponsor cost share). It was budgeted based on a new site 300 ft downstream from the existing site. The landowner denied access to the new site but has agreed to a new facility at the existing site which will require \$50k of special features.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1197	WA IAC	Asotin Co Conservation Dist	FY00 Asotin Cr. In-Stream Structures	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUL-00 - 11-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$5,612.15	Lower Snake

Project Description

Asotin Creek, a 325 square mile tributary to the Snake River in WRIA 35 is home to ESA listed stocks of summer steelhead, spring chinook salmon and bull trout. It is managed as a Wild Steelhead Reserve by WDFW. Lack of suitable resting and rearing pool habitat and in-stream cover were identified as primary limiting factors in the 1995 Asotin Creek Model Watershed Plan (Plan). The Plan was the first completed in WA dealing specifically with watershed restoration and protection for fish habitat and was developed by BPA, NRCS, WDFW, USFS, DOE, and local landowners. Proposed projects will compliment in-stream and riparian projects already completed in these streams. Overall goals are to improve habitat to reduce pre-spawner adult mortality and increase juvenile salmonid survival. The Asotin Co. Cons. Dist. (ACCD) will work with landowners, BPA, NRCS, WDFW, USFS, NMFS, USFWS, DOE, Nez Perce Tribe and citizens to ensure proper planning, cost effectiveness and in-stream structure placement. This proposal is for continuing prioritized in-stream habitat projects in upper Asotin Creek (Rm. 8-15), South Fork of Asotin Creek and Charley Creek during FY 2000 in-stream work window. Approx. 40 structures will be installed to form pools and create complex habitat with the addition of large woody debris to attain the Plan's goal of 9 high quality pools/mile. ACCD will implement and monitor projects and WDFW will conduct pre- and post-project monitoring for project effectiveness.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1122	WA IAC	Asotin Co Conservation Dist	FY00 Asotin Cr. Priority Riparian Plant	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	31-AUG-00 - 06-JUN-01	Salmon Habitat Protection and Restoration	\$0.00	\$97,420.00	Lower Snake

Project Description

Asotin Creek, a 325 square mile tributary to the Snake River in WRIA 35 is home to ESA listed stocks of summer steelhead, spring chinook salmon, and bull trout. It is managed as a wild Steelhead Reserve by WDFW. High stream temperature is a primary limiting factor as recognized in the 1995 Asotin Creek Model Watershed Plan(Plan) impacting salmonid production. The Plan was the first completed in WA dealing specifically with watershed restoration and protection for fish habitat and was developed by BPA, NRCS, WDFW, USFS, DOE, and local landowners. Project objectives are to reduce temperature to targets identified in Plan and compliment previous riparian and in-stream habitat projects completed. Overall goals are to reduce pre-spawner adult mortality; increase egg incubation success and increase juvenile salmonid survival by revegetating high priority stream reaches. The Asotin Co. Conc. Dist.(ACCD) will work with landowners, BPA, NRCS, WDFW, USFS, NMFS, USFWS, DOE, Nez Perce Tribe and citizens to ensure proper planning, cost-effectiveness and riparian planting sites. This proposal is for ongoing prioritized riparian planting projects in upper Asotin, S. Fork and Charley Creeks. Approx. 23,058 trees and shrubs will be planted in fall of 2,000 and spring of 2001 to reduce temperatures in priority stream. Site design is based on 10'x10' spacing for conifers and 6'x6' for hardwoods. ACCD will implement and monitor projects and NRCS will conduct periodic survival .

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1189	WA IAC	Asotin Co Conservation Dist	FY00 Asotin Cr. Watershed Upland BMPs	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$74,526.00	Lower Snake

Project Description

Asotin Creek, a 325 square mile tributary to the Snake River in WRIA 35 is home to ESA listed stocks of summer steelhead, spring chinook salmon, and bull trout. The watershed is managed as Wild Steelhead Reserve by WDFW. Turbidity and sedimentation were primary limiting factors identified by the 1995 Asotin Creek Model Watershed Plan (Plan). The Plan was the first in WA dealing specifically with watershed restoration and protection for fish habitat and was developed by BPA, NRCS, WDFW, USFS, DOE, and local landowners. Proposed projects will reduce in-stream sediment and compliment previous upland, in-stream habitat and riparian projects already completed in the basin. Overall goals are to increase egg incubation success and juvenile salmonid survival. The Asotin Co. Cons. Dist (ACCD) will work with landowners, BPA, NRCS, WDFW, DOE, Nez Perce Tribe and citizens to ensure proper planning, cost effectiveness, and upland best management practice (BMP) projects. This proposal is for on-going prioritized Upland BMP's in the watershed. These projects will include 597.8 ac of 5-Year Direct Seeding, 3 Sediment Basin Construction, 65.8 ac of Grass/Forb Planting, Yellow Star Thistle program and 4,500 trees for reforestation. Projects will address water quality issues in the watershed resulting in less sediment entering streams. ACCD will monitor projects, NRCS will provide technical assistance and landowners will implement projects and provide records to ACCD and NRCS.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1101	WA IAC	Kitsap Conservation District	Gamble Creek Restoration	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	03-APR-00 - 07-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$49,167.26	Puget Sound

Project Description

Gamble Creek contains excellent coho and chum rearing habitat and limited spawning habitat. But farming practices impact major portions of the creek. At these impacted areas the creek is trampled by animals, straightened, poorly vegetated, and temperatures are above normal and fecal coaliform concentrates are high. Following long-term negotiations conducted by the Kitsap Conservation District, some of these landowners are now willing to allow restoration. The Conservation District is a sub-division of state government responsible for private lands and has identified three parcels as high priority construction during summer 2000. These opportunities may be fleeting, and we seek to proceed as soon as possible. We intend to establish conservation easements, re-meander approximately 350 feet of Gamble Creek, and install over 50 logs and root wads plus 70 cubic yards of spawning gravel. We would create access to an additional 1-acre of flood plain and plant 2.9-acres with native species such as cedar, spruce, dogwood, alder, willow, twinberry, indian plum, and other local species. Our intent is to improve pool/riffle/run ratios, including the creation of undercut banks and spawning areas in keeping with reference reaches that we have in detail. Project monitoring and adjustments shall be made for a minimum of 3 years following construction.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1691	WA IAC	Asotin Co Conservation Dist	George Creek Instream and Riparian	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-MAR-01 -	Salmon Habitat Protection and Restoration	\$126,000.00	\$0.00	Lower Snake

Project Description

Asotin Creek, a 325 sq. mile tributary to the Snake River in WRIA 35 is home to ESA listed stocks of summer steelhead, bull trout and spring chinook. It is managed as a Wild Steelhead Reserve by WDFW. Lack of suitable resting and rearing pool habitat and instream cover were identified as primary limiting factors in the Asotin Creek Model Watershed Plan (Plan). The Plan was the first completed in WA dealing specifically with watershed restoration and protection for endangered fish species and the habitat they rely upon. Proposed projects will compliment instream and riparian projects already completed in this stream. Overall goals are to improve habitat to reduce pre-spawner adult mortality and increase juvenile salmonid survival. The Asotin Co. Cons. Dist. (ACCD) will work with landowners, BPA, NRCS, WDFW, USFS, MNFS, USFWS, DOE, Nez Perce Tribe and citizens to ensure proper planning for cost-effectiveness, instream and riparian project placement. This proposal is for continous prioritized instream and riparian habitat projects in Asotin Creek watershed. Two individual project sites will be completed in the fall of 2001 with instream habitat structures and riparian tree planting projects. ACCD will implement and monitor projects and WDFW will conduct pre- and post-project habitat monitoring for project effectiveness. Proposed projects include dike removal and flood plain connection, instream fish habitat, riparian tree planting, fencing, and George Creek instream flow.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1111	WA IAC	Bremerton Public Works	Gorst Creek Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 31-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$368,150.00	Puget Sound

Project Description

The proposed Gorst Creek Restoration project removes approx. 720 ft. of stream from a concrete lined channel to restore segment to a natural configuration. Existing conditions: sparse shallow substrate, absence of pools, LWD, and natural vegetation. These conditions limit spawning and rearing, especially during high flow. Proposed restoration: 1) construct approx. 1000 ft. of naturally configured earthen channel; 2) place substrate suitable for spawning medium; 3) construct adjacent backwaters and wetlands; 4) place natural log, root wad, and rock structures; 5) Establish native trees and shrubs within riparian zone. Project benefits: augment and improve spawning areas; create new rearing and resting areas; enhance overall salmonid habitat and migration; restore natural riparian conditions. Salmonids utilizing this system include fall native chum, mixed stock coho, winter wild steelhead, cutthroat, and hatchery fall chinook (Grover Cr. stock). Gorst Creek, on the Kitsap Peninsula SW of Bremerton drains approx. 5800 acres to Sinclair inlet in south Puget Sound. The project site and half of the upper watershed is owned by the City of Bremerton Water Utility. The habitat upstream of the project site is in excellent condition, with most of the basin being forested. The existing concrete channel was part of the original supply system and has been in place 60+ yrs. Design plans will be completed early 2000. Project is supported by the Kitsap PUD and the Suquamish Tribe.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1859	WA IAC	Nisqually R Basin Land Trust	Grauwen Ohop Creek Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-01 - 08-MAY-02	Salmon Habitat Protection and Restoration	\$182,325.00	\$0.00	Puget Sound

Project Description

The goal of this project is to acquire for permanent protection a former dairy farm (the 96 acre Grauwen Farm) in the Ohop Creek Valley. This property, which contains an important salmon stream and riparian habitat, is threatened with development that would severely degrade the stream and habitat. The property has a few remaining farm buildings, but no residences; however, residences could be developed on the upland portion of the property. The majority of the farm's acreage is low-lying pasture on both sides along approximately 1/2 mile of Ohop Creek. Ohop Creek is the third largest tributary to the Nisqually River and provides important salmonid habitat for several species. Protection of the Grauwen Farm will provide for permanent protection for an important section of this stream and will allow implementation of salmon habitat restoration to go forward on the property.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1780	WA IAC	King County DNR & Parks	Griffin Creek Mid-Zone Reach Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-FEB-01 -	Salmon Habitat Protection and Restoration	\$249,900.00	\$0.00	Puget Sound

Project Description

King County Department of Natural Resources requests \$249,900 to complete acquisitions in an important reach of Griffin Creek. Salmon Recovery Funding would be used to purchase up to 25 parcels totaling 15 acres. The target parcels extend about one third of a mile along both banks of Griffin Creek. The undeveloped riparian area extends more than 300 feet on the left bank of the stream and 100-300 feet on the right bank. King County targeted these parcels for acquisition in 1995 as part of its Waterways 2000 program. Waterways 2000 was a program that identified and protected hundreds of acres of important aquatic habitat in the County. The program received an Achievement Award from the National Association of Counties in 1996 as an innovative program worthy of replication by other local governments. This acquisition would add to two existing Waterways 200 sites, encompassing 48 acres, owned by the county and managed for habitat protection purposes. The objective of this acquisition is to prevent additional residential development in the stream corridor up to the Forest Production District boundary and to encourage the interplay of natural processes on the landscape. Acquired land will be managed for habitat protection by the King County Parks System. King County Parks System has an excellent track record of managing habitat areas through its natural area protocol, which currently applies to more than 1,000 acres county wide.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1138	WA IAC	Nooksack Salmon Enhance Assn	Grouse Butte Roads Sediment Control	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 14-FEB-01	Salmon Habitat Protection and Restoration	\$0.00	\$90,000.00	Puget Sound

Project Description

Nooksack Salmon Enhancement Association (NSEA) is partnering with United States Forest Service (USFS) to provide a controlled drainage path across the Grouse Butte road system in order to reduce risk of road failure, erosion and sediment production and to reduce the effects on fish habitat and water quality in Clearwater Creek, a major tributary to the Middle Fork of the Nooksack River. Logging, resulting sedimentation, has heavily impacted the Clearwater Creek system, resulting in increasing impacts to aquatic life and less holding habitat for the large populations of resident cutthroat trout and salmonids downstream. This roadwork was first identified in 1996 during a road deficiency survey and again in 1999, following storm activity. The headwater area of Rocky and Clearwater Creeks is identified as a potential mass wasting area. Continued sediment and flood events are severely limiting recovery of Chinook, steelhead, Dolly varden, and bull trout population in the Nooksack system. The proposed water-bars will prevent sedimentation during storm events into the Middle Fork of the Nooksack River. The water-bar design has been implemented on other similar projects by the Forest Service and has proven to be successful. Driveable rocked water-bars will be installed on road #3600, Grouse Butte MP 2.0 - 5.0; road #3620, Rocky Creek MP 0.7-MP 3.0 and road #3630, Elk Horn MP 0.0-MP 2.0 to reduce the chance of water being diverted.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1715	WA IAC	Seattle City Light	Guse Property Acquisition, Sauk River	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$79,800.00	\$0.00	Puget Sound

Project Description

Seattle City Light (SCL) is proposing to acquire the Guse property, which is a 60 acre parcel located on the mainstem Sauk River (Skagit River basin). The mainstem Sauk River has been classified as a "priority" basin by the Skagit Watershed Council for salmon habitat restoration and protection projects. The property, which is located about six miles northeast of the town of Darrington, will be purchased on a fee simple basis. The property is situated in a section of the river which has undergone numerous channel avulsions (i.e., movement of the main channel) in recent years. Approximately 70 percent of the property is situated within the active floodplain. The section of the river within which the property is located is considered to possess natural functioning conditions, since there are no dikes, levees, or bank armoring projects present in the vicinity of the project. The property contains numerous high-quality side channels, which provide important habitat to juvenile chinook & steelhead, adult & juvenile coho, & adult pink & chum salmon. These side channel areas also serve as foraging areas for subadult and adult bull trout. The property contains an estimated 18 acres of side channels. The river channel is bordered by a mixed riparian forest. The level of impairment to riparian vegetation on the property is low. This section of the Sauk River is used by lower Sauk summer chinook, upper Sauk spring chinook, and Suiattle spring chinook.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1880	WA IAC	Lewis County Public Works	Hanaford Creek Barrier Removal Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-01 -	Salmon Habitat Protection and Restoration	\$298,814.00	\$0.00	Washington Coastal

Project Description

The project is located in Hanaford Creek, a tributary to the Skookumchuck River near Centralia, Washington. With a drainage area of 13.8 square miles above the barrier, the objective is to provide fish passage by removing an existing 12-foot diameter barrier culvert. The existing culvert poses a velocity barrier to migrating anadromous fish and exceeds the maximum outfall drop that prevents upstream movement of juvenile and resident fish. A new 28-foot span bottomless culvert, designed streambed, root wad placement, and streamside tree plantings are proposed. Construction will be completed during the fish window of one construction season. Visual fish monitoring by local volunteers and juvenile sampling by Lewis County will continue for 3 years. The barrier is located 9.1 miles upstream from the confluence with the Skookumchuck River. Removal of this barrier will open 7.4 miles of spawning and rearing habitat. Currently, steelhead, coho and cutthroat trout are known to use the stream above the barrier. Under ESA, both coho salmon and cutthroat trout are being considered as candidates for federal listing. Steelhead trout are considered "depressed" by the WDFW. This project addresses the primary issue identified in the Draft Limiting Factors for WRIA 23, access to spawning and rearing habitat. Other enhancements in the basin include water quality protection and 7,200 feet of tributary riparian restoration in the Hanaford Creek basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1217	WA IAC	Upper Col Reg Fish Enhance	Hancock Creek Restoration Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-DEC-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$13,854.00	Upper Columbia

Project Description

The landowner's objective is to restore fish habitat in Hancock Creek. Hancock Creek is one mile long and is spring fed. In general it has excellent water quality for juvenile chinook and steelhead, as well as spawning for adult steelhead. Off channel rearing areas that do not freeze are important in this area of the Methow River. The native tree and shrub plantings will serve to re-establish the riparian plant community for future LWD and shade to minimize solar heating of the water. Water temperature from the springs in August was 48 degrees and at the mouth 58 degrees F. Three rocked livestock watering points will maintain the integrity of the stream banks to prevent erosion. The surface water right will be converted to a ground water right and a well will be drilled which will eliminate the need for ponding of the water above the Wolf Creek road created by the undersized culverts. These undersized culverts create a velocity barrier to fish. Funding to replace the undersized culverts under Wolf Creek road, a county road, has been applied for from USF&W.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1229	WA IAC	Fish & Wildlife Dept of	Humtulpils Aquisition Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$112,529.00	Washington Coastal

Project Description

The Humtulpils Estuary Acquisition proposal is acquiring and permanently preserving approximately 200 acres of tidelands and emergent estuary in the North Bay portion of Grays Harbor located in Grays Harbor County at S35, T18N, R11W. This acquisition would permanently protect tidelands, mudflats, sloughs, channels, eelgrass meadows, emergent marsh, and essential fish rearing habitat. Species that would benefit from this project include: the searun cutthroat trout which are proposed threatened, coho salmon, chinook salmon, chum salmon, steelhead, and threatened bull trout. Also, the estuary provides rearing and nursery habitat for juvenile salmonids as well as Dungeness Crab. Fish utilize the estuary habitat for feeding, rearing, transition, and physical acclimation from life in freshwater to life in saltwater. This money will be used to match an approved Federal Grant of \$150,000 for acquisition. Acquiring 200 acres of tidelands and emergent estuary in Grays Harbor would compliment and enhance other protected land in the Grays Harbor area. The acquisition complements current efforts by the Audubon, DNR's Natural Heritage Program, and WDFW to protect an additional 1000 acres at the Humtulpils estuary. Upon completion of the acquisition, the sites will become a permanent part of the Washington Department of Fish and Wildlife's (WDFW) Wildlife Area Management program and managed for long-term productivity for fish and wildlife.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1068	WA IAC	Jefferson Co Cons Dist	Indian George Creek Restoration, Phase 2	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$10,000.00	Puget Sound

Project Description

Indian George Creek flows into Quilcene Bay 3/4 mi. south of the Big Quilcene River. In October, 1999 a crew funded by a DNR "Jobs for the Environment" grant rehabilitated the lower reach (460') of the creek, adding LWD, replacing a culvert and reconnecting an estuary to tidal flow. The project was not fully completed before the "instream project window" (Oct 30) ended and wet weather began. This phase of the project will: complete the original project by adding additional large woody debris to the stream channel; construct 3 additional log structures upstream to stabilize channel head-cutting, and complete final site grading. Targeted species are coho, steelhead, chum and cutthroat. There is a small spawning population of coho, steelhead, chum and cutthroat that utilize the creek and there is juvenile rearing and feeding in the lower reach due to the estuary at the downstream end of project. Planning is underway to further restore the estuary (not a component of this application). The timeframe to complete the project is summer of 2000.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1800	WA IAC	King County of	Issaquah/Holder Creek Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-01 -	Salmon Habitat Protection and Restoration	\$200,000.00	\$0.00	Puget Sound

Project Description

This application is for the acquisition of five (5) properties along Holder Creek, a primary tributary of Issaquah Creek. The immediate benefits are the protection of 124 acres of mature forest with approximately 3,000 ft of stream length along Holder Creek with an additional 1,500 ft of tributaries. This reach provides excellent salmonid rearing and spawning areas, and protection of process areas (braided channels, confluences, gravels, and woody debris). The long term benefits are to provide protection of a critical link of Holder Creek from Tiger Mt. State Forest (WA DNR) to Taylor Mt. Forest (King County). These properties are a key component of the overall Issaquah Creek/Lake Sammamish Waterways Program. Waterways is committed to preserving the best remaining riparian habitat along Issaquah Creek from Lake Sammamish to Tiger & Taylor Mts. The sites include steep forested upper headwaters and are essential to the protection of water quantity, water quality, and aquatic habitat for all of Issaquah Creek. Issaquah Creek supports ESA listed chinook, char (possibly ESA listed bull trout), sockeye, coho, steelhead, kokanee, and cutthroat. The draft State/Tribal Plan for WRIA 8 states "Protection should be the cornerstone of habitat recovery efforts for Lake Washington chinook." In addition the acquisition of these five (5) lots has been supported by the Sammamish Watershed forum, who is providing matching funding.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1045	WA IAC	Clallam County of	Jimmycomelately Bridge	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	31-DEC-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$1,340,000.00	Puget Sound

Project Description

This application is to fund the construction of an 85' x40' bridge where one does not currently exist, in the historic location of JimmyComeLately Creek. This project is a component of a larger effort to restore the Creek. The lower reach was moved circa 1913, and routed on a terrace to the east. This change in alignment caused the loss of 8 feet of gradient and more than doubled the length of channel in this reach, resulting in a dramatic decrease in the amount of fluvial and tidal energy available to transport sediment in the channel. This energy loss has resulted in severely degraded habitat: * The perched, aggraded stream has lower flows and decreased habitat quality at low flow, which is important to the migratory, spawning, and egg incubation timing of Summer Chum. * The instability of the channel as it progrades into the Bay is so severe that partial or total blockages to fish passage occur at the point at which the Creek enters the Bay. * The Creek no longer has an "estuary", the marine/freshwater transition is abrupt. * Channel instability is chronic, redd scour/fill is severe. The overall project objectives are to restore the Creek to the estuary, restore the estuary by removal of fill and roads, specifically benefiting Summer Chum and waterfowl in the Sequim Bay Watershed, with benefits to other salmon species as well. This project will be implemented by WSDOT, Clallam County is the applicant at the request of the JimmyComeLately Work group.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1048	WA IAC	Jamestown S'Klallam Tribe	Jimmycomelately Restoration/Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-00 - 06-JUN-01	Salmon Habitat Protection and Restoration	\$0.00	\$133,607.00	Puget Sound

Project Description

This project is a component of a larger restoration effort for Jimmycomelately Creek, Located in eastern Clallam County (WRIA 17). The overall strategy includes the relocation of the creek to its historic channel location and restoration of portions of the estuary. The Creek channel alignment was altered in the 1920's or 1930's, resulting in a loss of gradient, fluvial energy and sediment transport capability. Channel aggradation and severe habitat loss have resulted in low flows, channel instability, fish passage blockage, scour and fill of redds, and increased flood frequency/severity causing landowners to further channelize the creek. Restoration of the Jimmycomelately Creek mouth and estuary interface has been under discussion for two years by an ad hoc interagency and property owner work group, including the Tribe, County, Conservation District, WDFW, EPA, USFWS and others. The Clallam Conservation District has funding for construction of a new channel in the summer of 2000. Jimmycomelately Creek would be relocated from its present diked and aggraded river channel from approximately River Mile 0.25 to the mouth. Acquisition of the Eng property is an essential component of the overall plan to relocate the creek. It would allow the creek to be moved, establish a functional riparian corridor and flood plain at the mouth, and restore summer chum. The landowner is a motivated and willing seller.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1116	WA IAC	Whatcom County of	Johnson Creek/Mosquito Lk. Rd. Culvert	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$19,876.00	Puget Sound

Project Description

The objective of this project is to remove an existing fish passage barrier (impassable culvert) and replace with a passable structure (properly placed culvert). The project will open up 1812 m2 of spawning habitat, and 5077 m2 of rearing habitat, previously inaccessible to salmonid use. The project is located in township 38 north, range 05, section 35, 1/4 section NE, on Johnson Creek. The impassable culvert is under Mosquito Lake Road, in Acme, Washington. The surrounding terrain is Cascade foothills, with forested slopes of conifers, and mixed deciduous stands along stream banks. The targeted species for this project would be wildstock fall chinook and coho salmon, as well as steelhead and cutthroat trout. The presence of these four species has been documented in the portion of Johnson Creek which is accessible to salmonids. It is reasonable to assume that these species would migrate further upstream, upon completion of the project. This project receives support from Washington Trout, the Nooksack Tribe, and Washington Department of Fish and Wildlife. The timeframe for construction would be from June 15, 2000 to October 1, 2000, as per Washington Department of Fish and Wildlife regulations. As a sizeable tributary to a known salmon stream, Johnson Creek has the full potential to produce and provide habitat for important salmonid species. Alleviating the passage problem at Mosquito Lake Road, would turn that potential into reality.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1167	WA IAC	Trout Unlimited Icicle Vly	Jon Small Off-Channel Rearing Pond	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$134,170.00	Upper Columbia

Project Description

This is a cooperative salmon & steelhead habitat restoration, enhancement, & bioengineering project between a private landowner (local orchardist Jon Small), Trout Unlimited (TU), WDFW, USFS, Chelan County Public Works Department & others aimed at helping endangered spring chinook salmon, endangered summer steelhead trout & other anadromous & resident salmonids (including threatened resident bull trout) within the lower Entiat River drainage. The Entiat River lies within the Upper Columbia River Evolutionary Significant Unit (ESU) & harbors 3 federally listed salmonid species including spring chinook salmon & summer steelhead (Endangered), & bull trout (Threatened). This project, designed & engineered by WDFW, will create approximately 0.4 mile of high quality, year-round off-channel salmon & steelhead rearing habitat on WDFW owned land adjacent the mainstem Entiat River at rivermile 6.5 just upstream of Roaring Creek. Lack of juvenile rearing habitat (overwintering) is the most limiting factor within the Entiat watershed. The objectives are to create 0.2 a. off-channel rearing pond, create a meandering 1000 ft. off-channel rearing channel exiting the pond & connecting to the Entiat R., & restore 1000 ft. of previously channelized & degraded in-channel rearing habitat & eroding banks through bioengineering & placement of instream rock & fish habitat structures. TU & WDFW will design & construct the project and WDFW will implement the monitoring plan.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1843	WA IAC	King County DNR & Parks	Kanaskat North Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$515,000.00	\$0.00	Puget Sound

Project Description

The purpose of the Kanaskat North acquisition project is to acquire up to 75 acres of property along a remnant historic side channel to the middle Green River just below the Tacoma headworks. The property is mixed deciduous and young coniferous riparian forest/wetland complex that is hydraulically connected to the Green River. The proposed acquisition site is near one of the highest density chinook spawning areas in the Green River, and is located along a reach that was targeted for natural resource acquisitions under King County's Waterways 2000 Program, which resulted in acquisition of over 600 acres of land along the middle Green River. All of these areas are managed exclusively for natural resource protection, and Kanaskat North would be managed in the same way. Washington State DNR also owns extensive holdings just downstream, throughout the Green River gorge. Much of this land is undeveloped as well. The loss of habitat connectivity between features such as side channels and the mainstem was identified as a limiting factor by the Green Duwamish Ecosystem Restoration Study (ERS), a collaborative effort between King County, the US Army Corps of Engineers, and most of the watershed's cities, as well as the WRIA 9 Factors of Decline Subcommittee. Funded separately under the ERS, subsequent restoration at this site would occur as early as 2003.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1208	WA IAC	Klickitat County of	Klickitat Mill Restoration 2	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$300,000.00	Middle Columbia

Project Description

Snyder Creek, a majority tributary of the Klickitat River, is located 15 miles north of Lyle, along Highway 142, within the city limits of Klickitat, Wa. Yakima Nation fish biologists call Snyder Creek a top priority for restoration due to four miles of high quality habitat existing above the abandoned Champion Pacific International mill. Canopy closure is an average of 93%, the best of any lower Klickitat River basin tributary. The WRIA 30 Limiting Habitat Factors Analysis deemed habitat access to lower Snyder Creek a key limiting habitat factor. The project will remove 1/4 mile of the Snyder Creek concrete sluiceway and create a natural channel and riparian zone. Habitat structures, plantings, streambed gravel, and a rock toe will be incorporated in this reach. Plantings in the 50' riparian zone (both sides) will consist of brush bundles, cottonwoods, and ponderosa pines. All plant stock will be collected from local donor sites. The creek will then be accessible and useable by threatened Mid-Columbia steelhead and coho, a depressed stock. Project cooperators include WDFW (completed project-design and engineering), NRCS and Americorps (conducted stream surveys), YNF/BPA (coordinating/funding restoration efforts above the checkdam). If funded, Phase II will begin in summer, 2000, and will carry through to summer 2001 to allow ample time for vegetation planting and establishment.

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Project Ref	Grantee	Subgrantee	Project Name	State	
00-1136	WA IAC	Lummi Indian Nation	Larson's Bridge Historic Scale Log Jams	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 19-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$150,000.00	Puget Sound

Project Description

Proposal is to fund 2 historic scale complex log jam structures consisting of very large logs with intact rootwads and racked woody material constructed in the active channel and adjoining channel migration zone of the South Fork Nooksack. The project assessment and preliminary design was completed by consulting fluvial geomorphologist, Tim Abbe. Assistance in this project was rendered by a US Army Corps of Engineers surveying crew and by Washington State Department of Ecology and Lummi Natural Resources staff. \$640,000- has been secured to construct 4 of the 6 log jams designed for Phase 1 of the project, including \$199,000 of 1999 GSRO funding. Additional funding will support the construction of the 2 additional jams required for the sub-reach design to be fully functional. Project construction will go forward in summer 2000 and utilize large equipment to place the large historic scale woody debris project materials. The completed log jams will reduce bank erosion currently delivering massive amounts of fine sediment to the river. They will also restore large woody debris structure necessary to scour and maintain functional holding pools critical to the survival of endangered chinook salmon stocks. They will restore part of the complex network of log jams needed to reduce downstream sediment impacts. This project will include a comprehensive revegetation effort to immediately arrest erosion and provide additional rooting, shade and woody debris recruitment.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1042	WA IAC	Columbia Land Trust	Lower Columbia - Grays River Estuary	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$83,000.00	Lower Columbia

Project Description

The Grays River, a major watershed draining into the Columbia River Estuary, Wahkiakum County, is home to 5 species of anadromous salmonids: coho, chinook and chum salmon, steelhead, and searun cutthroat. Chinook, chum and steelhead are listed as threatened. The Grays River supports the strongest remaining run of chum salmon in the Columbia River ESU. Limiting factors to salmonid production within the basin are varied. This project will first acquire 112 acres of estuarine wetlands, and 2 miles of river and riparian habitat. The restoration work will then restore tidal function to the Grays River estuary by partial levee breaches and removal of culverts. Restoring tidal function to this estuary will improve water quality conditions as well as increase the productivity of both the Grays River and in the Columbia estuaries. This project will also benefit all upriver Columbia Basin anadromous fish dependent on the Lower Columbia River estuary for juvenile nursery habitat. A number of state, federal and private partners are involved. Ducks Unlimited will design and implement the project, and monitor success in cooperation with Washington Department of Fish and Wildlife.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1040	WA IAC	Sea Resources	Lower Columbia River Estuary: Chinook	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$375,000.00	Lower Columbia

Project Description

The Chinook River is home to 5 species of anadromous salmonids: coho, chinook and chum salmon, steelhead, and searun cutthroat trout. Chum, chinook and steelhead are listed as threatened, and searun cutthroat will soon be listed as threatened. Located at RM 5 of the Columbia River, the Chinook estuary also provides critical habitat for all Columbia Basin Salmonids. The estuary provides the last feeding and rearing habitat for juvenile salmonids prior to entering the Pacific Ocean. Sediment and organic material dynamics were identified as the limiting factor in the Chinook watershed. Tidegate removal, upland stabilization and riparian enhancement were identified as critical salmon habitat improvement projects. This proposal will restore 850 acres of estuarine wetlands and 2 miles of river and riparian habitat. To date, this project will be the largest estuarine restoration project in the Columbia River estuary and one of the largest such projects on the entire West Coast. Tidal function will be restored by removing tidegates. Other restoration activities include: filling drain ditches, restoring tidal swales, reforesting riparian areas and building a new levee with sufficient tidegates to protect nonparticipating landowners. Restoring tidal function to this estuary will improve habitat conditions within the Chinook River estuary and in Baker Bay. Sea Resources, working with DU, USFWS, WDFW, CLT and NRCS will design, implement and monitor the project.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1174	WA IAC	North Olympic Salmon Coalition	Lower East Fork Chimacum Creek	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$48,600.00	Puget Sound

Project Description

The project will reconfigure and naturalize 1600 feet of ditched stream channel and provide riparian planting to establish shade cover and control invasive weeds on 4 acres of riparian buffer between and adjacent to 2 similar restoration projects already completed. Excavation of stream bank area will create a wetland bench in the lowered flood plain and include large woody debris such as root wads and anchored logs to create pools and riffles, deflect current and create back eddies to help the channel establish a more natural flow dynamic. Planted mounds 2' high shall be constructed throughout the riparian zone to enhance habitat diversity and restore shade cover. The area will be planted with native shrubs and trees used in other successful Chimacum Creek revegetation projects. Livestock fencing will be constructed on both sides of the stream. The project will provide long term improvement to the overall stream conditions in the lower Chimacum watershed by reducing sedimentation, increasing dissolved oxygen and reducing nutrient loading that effect egg survival of summer chum. The project improves rearing and spawning habitat for coho, cutthroat and steelhead. The project is scheduled for permitting and design in 2000, construction summer 2001; planting in 2002. Water quality, fish presence and plant survival monitoring through 2005 will include partnerships with Jefferson County Conservation District, Wild Olympic Salmon, Trout Unlimited, and Chimacum Schools.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1411	WA IAC	South Puget Sound SEG	Lower Mashel Enhancement Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$113,000.00	\$0.00	Puget Sound

Project Description
<p>This project will focus on the lower 0.7 miles of the Mashel River; which includes vital spawning and rearing habitat for chinook, coho, pink, steelhead, and cutthroat trout. This project will decommission or modify 0.5 miles of a previous washed-out road in the lower Mashel River valley to stop and prevent future fine sediment input. The focus will be to control rain surface runoff and prevent future landslides, by removing culverts, adding drainage dips and eliminating side-cast material. The project will directly enhance the salmon habitat by adding several pieces of Large Woody Debris (LWD) in the same reach as recommended by the Mashel River Watershed Analysis (DNR 1997). This reach is lacking in quantity and quality of pool habitat and poor gravel substrate (i.e. embedded and poorly sorted). The primary purpose of these in-stream wood pieces will be to promote gravel sorting, form pools, increase cover, and reduce bank erosion. The secondary objective of this project is to enhance the deciduous dominant riparian vegetation with coniferous plantings. This will jump-start forest succession in this previously logged area, as recommended in the Mashel River Watershed Analysis (DNR 1997), and re-vegetate areas which are now dominated by invasive species (i.e. blackberries and reed canary grass).</p>

Project Ref	Grantee	Subgrantee	Project Name	State
01-1409	WA IAC	South Puget Sound SEG	Lower Yelm Restoration Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-02 -	Salmon Habitat Protection and Restoration	\$113,500.00	\$0.00	Puget Sound

Project Description
<p>This project will focus on the lower 0.4 miles of Yelm Creek, which is very important spawning and rearing habitat for chum and coho, as well as steelhead and cutthroat trout. Occasionally pink and chinook salmon also utilize this creek. The project objective is to improve rearing and spawning habitat and increase the overall available salmon habitat. These objectives will be accomplished by re-constructing an historic off-channel pond, and adding wood for juvenile cover. The spawning habitat will be improved by excluding livestock from several hundred meters of creek, which are detrimental to incubating salmon eggs. Additional habitat will be made available by ensuring passage at a logjam/cascade in a canyon, which has made salmon passage to the upper basin impossible. Restoring access at the logjam will give salmon access to up to 10 miles of stream and tributary habitat. Although most of the gained habitat has intermittent flow, some high quality habitat upstream is currently inaccessible. An existing fence will be improved to ensure livestock exclusion from the creek. Livestock access has increased erosion and severely degraded salmon habitat in various places, impaired water quality and degraded the riparian vegetation. This project will improve the riparian vegetation by planting creek and riverbanks without vegetation and inter-planting vegetated areas.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1112	WA IAC	Ducks Unlimited - Puyallup, Fish & Wildlife De	Marietta Slough Acq. and Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$421,925.00	Puget Sound

Project Description

Use Wetland Reserve and Salmon Recovery program funding to purchase fee simple title to a 210 acre parcel of lower Nooksack River Flood plain containing critical key salmonid habitat (required for the persistence of a life history stage, e.g. estuary rearing chinook) (SWC 1998) The parcel includes mainstem river tidally influenced channel, extensive subsidiary and blind tidal channels, wetlands and flood plain. Restoration activities include: Improvement to flows and habitat value to 6000 linear feet of tidally influenced channel. Restoration of wetland functions to approximately 40 acres of land. Restoration of native tree & shrub riparian corridors along tidal channels, Silver Creek & 2000 feet of main stem. Restoration of Silver Creek channel complexity. Restoration of flood plain connectivity by selective dike/levee removal. Ducks Unlimited, Inc. will provide the engineering and design services for the restoration portion of the project. The Nooksack Salmon Enhancement Association and the Lunmi Nation will complete the monitoring. Up to 600 acres of adjacent land upstream/to the north may be acquired over the next five years considerably expanding protection and restoration opportunities in this important reach of the river. These adjacent lands encompass 10,000 feet of mainstem river channel and flood plain, additional wetlands and tidal sloughs and are contiguous with approximately 700 acres of state and county owned parcels in the Tennant Lake area (see map).

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1247	WA IAC	Skagit Fish Enhancement Group	McElroy Slough Estuary Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$461,188.00	Puget Sound

Project Description

This project will restore tidal processes, fish passage and estuary rearing area for chinook, coho, chum and cutthroat within the McElroy Slough Watershed. The preliminary design for this project was completed using a multi-agency collaborative approach. Local, county, state and federal representatives formed a technical advisory committee and acquired funds for a consultant to complete the preliminary engineering and design report. More than 26 acres along the historic slough channel have been placed under permanent easement via the Federal Wetland Reserve Program. This program will re-open 1 mile in length or 4.75 acres of estuary area for anadromous fish use, plus improve access to 5 miles of Colony Creek, 1 mile of Harrison Creek, and 1/2 mile of Whitehall Creek, all of which are used by anadromous fish. In addition, this project will provide flood relief and drainage benefits to the Blanchard community. At the McElroy Slough estuary outlet all existing culverts will be removed (2-72" and 1-48" culverts) and replaced with 2-10'x6' box culverts with 2 standard tide flap gates per barrel and an additional 48" culvert with a self regulating tide gate for fish passage. At the Flinn Rd. crossing (1/3 mile upstream) it is proposed to remove the 2 existing 72" culverts and install 2-10x6' box culverts which will drastically improve fish passage and flood flow attenuation. Skagit County will contribute \$200,000. Design funds came from USFWS and WDFW.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1841	WA IAC	King County DNR & Parks	Metzler Park Side Channel Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$450,000.00	\$0.00	Puget Sound

Project Description

The purpose of the Metzler Park Side Channel project is to acquire property, which includes four parcels on an existing side channel that provides high quality riparian habitat adjacent to Metzler Park, which includes over 900 acres of County owned natural areas, managed exclusively for natural resource protection. The mainstem of the Green River is migrating in the direction of the side channel; if this continues to occur, private landowners could attempt to forestall this through construction of revetments. Acquisition of these parcels would allow the river to continue its migration and not jeopardize private property as well as allowing the river to function naturally. The project will preserve up to 75 acres of habitat, including portions of two side channels that are hydraulically connected to the Green River with a wide range of flow conditions and as well as providing access to juvenile and adult salmonids. Lack of connectivity between the Green River Ecosystem Restoration Study and WRIA 9 Reconnaissance Report. This reach of the Green River is an area of highly functioning ecological processes, with active natural erosion of channel banks, formation of gravel bars and debris jams, and shifting of river channel courses. The primary enhancement need on this site would be to place greater densities of LWD within the side channels in order to increase their habitat functionality.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1185	WA IAC	Pomeroy Conservation Dist	Model Watershed Riparian Tree Planting	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$29,280.00	Lower Snake

Project Description

Pataha Creek is a major tributary of the Tucannon River, tributary to the Snake River. Pataha Creek is located in Garfield and Columbia Counties of southeastern Washington. Fish stocks of concern in the Pataha are Bull trout and Snake River Steelhead. Sediment contributions from the Pataha to the Tucannon River also affect the Snake River Fall Chinook and steelhead that spawn below the stream confluence. The object of this proposal is to decrease stream temperatures in Pataha Creek by planting native riparian vegetation along Pataha Creek. Secondary benefits of the planting will be increased bank stabilization and increased bank roughness, reducing water velocities and increasing filtering of suspended sediment. The Pataha Creek Model Watershed Plan, a watershed based fish habitat recovery plan, identified sediment and high water temperatures as limiting factors to fish production. The Pataha Creek Plan was locally developed with the assistance of many state and federal agencies specialists with the support of the Bonneville Power Administration. In 1994 the Conservation District and the Natural Resources Conservation Service entered into an agreement with the Lynn A. Brown Plant Materials Center (PMC) to propagate native plant materials and return them to the district for planting along stream sections lacking riparian vegetation. This year the PMC will be returning approximately 4000 cottonwood poles, several thousand willows, and other rooted sock for planting

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1053	WA IAC	Nisqually R Basin Land Trust	Mosman Shoreline Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 17-JAN-01	Salmon Habitat Protection and Restoration	\$0.00	\$80,000.00	Puget Sound

Project Description

The objective of the Mosman shoreline purchase is to permanently protect a section of the mainstem Nisqually River (WRIA 11) by acquiring in fee 35 acres. This property is undeveloped woodland with excellent riparian habitat values. If purchased, the land will remain undeveloped in perpetuity; this will facilitate improvement of natural salmon production of the mainstem Nisqually. This project is part of a larger salmon recovery priority for the Nisqually River, to permanently protect the mainstem Nisqually shoreline and riparian habitat, a distance of approximately 42 river miles (or 84 shoreline miles). Acquisition of this critical habitat is well underway in the Nisqually basin, with over 60% of these shoreline miles permanently protected. Acquiring the Mosman acquisition will primarily benefit chinook salmon and steelhead, both species that depend on the mainstem for spawning and rearing. The Applicant has signed an option to purchase the Mosman property and is prepared to close immediately upon executing a grant agreement; it will hold title to the land and provide long-term stewardship and land management. The project is supported by the Nisqually River Council and the Nisqually Indian Tribe.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1857	WA IAC	Nisqually Indian Tribe	Nisqually Estuary Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-FEB-01 -	Salmon Habitat Protection and Restoration	\$176,800.00	\$0.00	Puget Sound

Project Description

This project will restore to the Nisqually Delta and estuary approximately 31 acres of diked pasture, returning it to its original saltmarsh condition. The project will be accomplished by removing perimeter dikes adjacent to Red Salmon Slough, a Nisqually Delta tributary, and allowing the tide to again flow over the saltmarsh. The site of this project is the 410 acre Braget Farm, located on the Pierce County side of the Nisqually Delta and now owned by the Nisqually Indian Tribe. In July 2000 the Tribe completed an inventory and preliminary restoration plan for the farm which identified estuarine restoration opportunities and established a priority for implementation. This grant application will fund the highest priority identified in that plan. Restoration of estuarine habitat was identified in the Nisqually Chinook Recovery Plan as the highest recovery priority for the Nisqually River. Further, because the Nisqually River estuary provides a high percentage of estuarine habitat in southern Puget Sound, this restoration project is significant for regional salmon recovery.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1868	WA IAC	South Puget Sound SEG	Nisqually R@ Old Pacific Hwy Off-Channel	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-FEB-01 - 02-APR-02	Salmon Habitat Protection and Restoration	\$46,780.00	\$0.00	Puget Sound

Project Description

This project involves enlarging an existing off-channel salmonid rearing pond (located NE of the Old Pacific Hwy bridge over the Nisqually River) from 1/20 acre to approximately 1/4 acre in order to expand rearing habitat availability during primary use, fall through spring. In addition to excavating an estimated 1500 cubic yards of material, rootwads and logs will be placed to create cover habitat for juvenile. Prior sampling by WDFW in March of 1999 showed promising numbers of over-wintering coho salmon pre-smolts and cutthroat trout using the existing small pond. Off-channel seasonal rearing areas are limited in the Nisqually watershed. WDFW will be assisting with planning, design, construction supervision (compliance), and monitoring. Monitoring (5 year plan) will include sampling of fish use annually in March by various sampling techniques (electrofishing, seining) as well as observations of wetland and riparian vegetation established. Project partners include US Army-Fort Lewis, WDFW, Pierce County Public Works, Nisqually Indian Tribe and SPSSEG.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1862	WA IAC	Pierce Co Conservation Dist	Nisqually River Watershed Revegetation	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-01 -	Salmon Habitat Protection and Restoration	\$35,000.00	\$0.00	Washington Coastal

Project Description

This project will establish or improve riparian buffers along streams in the Nisqually River Watershed by utilizing two existing programs at the Pierce Conservation District. Technicians from the Farm Assistance program will work with landowners to prepare a riparian buffer planting plan. All planting plans are written according to USDA Natural Resources Conservation Service specifications and standards. Stream Team will hire WCC crews for site prep, order materials, and coordinate volunteers to plant the buffer. Trees and shrubs have potential to benefit salmon in many ways. They provide shade to cool waters in the summer and provide root strength to prevent streambank erosion. They contribute leaf litter as a food source, and once grown, fall into the stream providing many benefits to juvenile salmon. Many times, private landowners are interested in improving riparian conditions, but lack the funds and resources to do so. For example, many landowners do not qualify for the Conservation Reserve Enhancement Program that provides eligible landowners with cost-share dollars to establish streamside buffers. This proposal accommodates those landowners who are not eligible to receive financial help from state and federal programs. This grant proposal consists of purchasing plant materials, protective devices to increase survival and time from the Washington Conservation Corps to assist in site preparation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1118	WA IAC	Skagit Conservation Dist	Nookachamps Riparian Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$338,926.00	Puget Sound

Project Description

The Skagit Conservation District is proposing to protect and restore priority areas of the Nookachamps watershed, which is tributary to the Skagit River (WRIA 3). The proposed work plan includes fencing to restrict cattle access, planting of native species, planting maintenance, and project monitoring. Project prioritization is based on the Skagit Watershed Council's Application Strategy. Stream Reaches Include: 03.0230 03.0231 03.0239 03.0248 This project is designed to reduce sedimentation and excess nutrient loading, and provide for a reduction in stream temperature and a return to more natural biological processes. Historic use of the project area has been primarily agricultural, with resulting degradation of riparian areas and loss of function in riparian habitat. The Nookachamps is currently on the WDoE 303(d) list for repeated failure to meet temperature and fecal coliform parameters. Expected Results: Water quality will improve and riparian habitat will be restored.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1107	WA IAC	Fish & Wildlife Dept of	North River Wetland Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$33,706.00	Washington Coastal

Project Description

The North River Wetland Restoration Project will restore and protect 25 acres of tidal emergent wetland in Pacific Co. The site is located 13 miles west of Raymond near the mouth of the North River, and contains spawning habitat, fresh and saltwater rearing habitats, and palustrine emergent marsh separated from natural tidal influence by levees constructed on private farmland the landowner volunteered for restoration. Topographic surveys of the property have been completed. Through a cooperative effort between the landowner, WDFW, NRCS Wetland Reserve Program(WRP), Ducks Unlimited, Inc.(DU), Willapa Alliance, Willapa Bay Fisheries Enhancement Group, Columbia-Pacific RC&D, and the Willapa Bay Ecosystem Recovery Initiative, the project's primary objective is to restore access to approximately 4,000 linear feet of salmonid spawning habitat and to provide 25 acres of salmonid rearing habitat and refuge area. This refuge area will provide critical rearing habitat for juvenile salmonids making stressful fresh to salt water transition. Breaching the levees and restoring tidal access to this site will compensate for some of 479 acres of off-channel habitat that has been lost in the North River Basin. Other positive benefits are increased flood water storage and water quality and tide water dispersion, and rejuvenated riparian habitat that increases primary production and aquatic and terrestrial insect populations upon which juvenile salmonids depend.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1182	WA IAC	Umatilla Confederated Tribe	Patit Creek Enhancement Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 14-NOV-01	Salmon Habitat Protection and Restoration	\$0.00	\$46,849.88	Middle Columbia

Project Description

Patit Creek, a tributary to the Touchet River, is home to ESA-listed steelhead and margined sculpin, a State Sensitive Species and Federal Species of Concern. This project's objective is to address factors negatively impacting salmonid production in Patit Creek, including excessive water temperatures, sediment loads, and lack of instream pool habitat. The project involves the cooperation of a private landowner, FSA, NRCS, CCCD, and the Umatilla Tribes (CTUIR). The landowner signed a riparian easement with the CTUIR that will restrict timber harvest, development, and agricultural practices for 15 years within the riparian corridor. Sinuosity and shading will be improved in a portion of project area by allowing the stream to return to its historic channel. Native conifers, shrubs and grasses will be planted in areas presently devoid of riparian vegetation. Rock weirs will be created along a roadway-confined, straightened portion of stream to create pool habitat for juvenile and adult salmonid fishes. Additionally, the area will be protected from grazing through the construction cattle enclosure fencing and off-channel watering. The tribes will conduct annual monitoring to track project success and implement adaptive management as necessary.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1773	WA IAC	King County DNR & Parks	Patterson Creek Reach 3A Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-FEB-01 -	Salmon Habitat Protection and Restoration	\$200,600.00	\$0.00	Puget Sound

Project Description

King County Department of Natural Resources requests \$200,600 for acquisitions in an important reach of Patterson Creek. Salmon Recovery Funding would be used to purchase two parcels totaling 37.3 acres. The target parcels host mature coniferous, forested wetlands along both banks of Patterson Creek. The undeveloped riparian area extends will over 300 feet on either side of the stream. Extensive beaver activity helps to maintain high quality rearing habitat for salmonids thought the year. King County targeted these parcels for acquisition in 1995 as part of its Waterways 2000 program. Waterways 2000 was a program that identified and protected hundred of acres of important aquatic habitat in King County. The program received an Achievement Award from the national Association of Counties in 1996 as an innovative program worthy of replication by other local governments. This acquisition would add to an existing 150 acre waterways 2000 site owned by the County and managed for habitat protection purposes. The objective of this acquisition is to insure protection of important stream associated wetland habitat. Acquired land will be managed for habitat protection by the King County Parks System. King County Parks System has an excellent track record of managing habitat areas through its natural area protocol, which currently applies to more than 1,000 acres countywide.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1003	WA IAC	Kittitas Co Conservation Dist, Yakama Nation	Reestablish Access to Lower Wilson Creek	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$108,400.00	Yakima

Project Description

Wilson Creek is a 382 square mile watershed that enters the Yakima River at RM 147. At present, diversion structures near the mouth have blocked anadromous fish access to most of the watershed. However, juvenile densities below the barriers are high relative to the rest of the Yakima Subbasin (Pearsons, et.al., Yakima Species Interaction Study, WDFW 1994). Implementation of this project would allow for removal of two gravity-fed diversion structures, and four unscreened irrigation diversion points would be consolidated and screened to prevent fish entrainment. The dams are migration barriers to all life history stages of anadromous fish. Spawning and rearing habitat would increase by roughly five miles. The riparian zone in the project area is dominated by weedy species, but this project would provide fending and riparian restoration, to allow for establishment of a productive riparian habitat. The landowner has also agreed to provide an area for riparian plant propagation. Seeds and cuttings of desired plants will be sown, irrigated, and maintained in the propagation area until they are ready for transplanting to the streambank. The project would serve as an example of positive collaboration between private landowners, tribal biologists, the Conservation District, and other resource managers.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1002	WA IAC	Yakama Nation	Reestablish Access to Tucker Creek	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	30-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$53,200.00	Yakima

Project Description

The project objective is to fix a barrier in Tucker Creek, which is a forested tributary that enters the Yakima River near Easton. A present, a concrete flume at Creek Mile 0.7 completely blocks access to productive spawning and rearing habitat for summer steelhead and coho salmon. This project will provide a cost-share with funds from the Bonneville Power Administration for design and construction of a fishway at the barrier. As a result, coho and steelhead will regain access to more than a mile of forested habitat. The reconnected reach in the reconnected reach is intact relative to much of the basin, with an abundance of pools, spawning riffles, and large woody debris. The Yakima mainstem in this reach is managed to convey irrigation water. As a result, the hydrograph has been inverted, with unnaturally high summer flows, lower than normal winter flows, and loss of most channel-maintaining peak flows. When the storage releases are ramped down at the end of the irrigation season, mainstem side channels become dewatered or isolated, which strands and kills juvenile salmonids. One critical component of Yakima Basin anadromous fish restoration is thus reconnection of productive tributaries such as Tucker Creek. This proposal will provide an important cost-share for restoring access into Tucker Creek. Project partners include the Yakama Nation's Fisheries Program, Bonneville Power Administration, and the Washington Department of Fish and Wildlife.

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Project Ref	Grantee	Subgrantee	Project Name	State
00-1202	WA IAC	Snohomish County of, Snohomish LE (WRIA)	Ricci Island/Lake Beecher Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 27-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$135,181.48	Puget Sound

Project Description

This project proposed is to secure fee simple title to the entire parcel of land otherwise known as the Lake Beecher Property. The Lake Beecher property is an approximately 75-acre parcel owned by Rinker Materials West LLC. Acquisition and protection of this property will substantially contribute to salmon recovery efforts along the mainstem Snohomish by protecting over one mile of high-quality riparian habitat, side-channel sloughs, and Lake Beecher, a historic oxbow over one mile in length. Future restoration efforts will establish increased hydrologic connectivity with Lake Beecher and the mainstem, providing additional off channel rearing habitat. Acquisition of the Rinker property will also expand public ownership adjacent to the 350-acre Bob Heirman Wildlife Refuge currently owned by the County to develop joint restoration and management plans for two areas.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1176	WA IAC	Jefferson Co Cons Dist	Salmon Creek Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$117,300.00	Puget Sound

Project Description

Salmon Creek flows into Discovery Bay and is utilized by a stock of ESA listed summer chum salmon. Spawning monitoring data by WDFW indicates that habitat conditions are limiting to the sustainability of summer chum. This reach encompasses the main spawning area for summer chum. Project objective is to restore natural stream functions and improve salmon habitat in a reach channelized many years ago for agriculture purposes. Project activities address limiting factors identified in co-manager (WDFW/Tribes) conservation initiative, including restoration of channel complexity (LWD, channel stability/condition), reducing aggradation, replacing livestock ford w/bridge, improving riparian conditions. Target species is summer chum though coho, cutthroat, steelhead, sturgeon will also benefit. Monitoring data (water quality, spawning counts, otolith analysis) has been collected for several years. This monitoring will be continued as a part of project. Project is supported by the landowners, Wild Olympic Salmon, Jefferson Conservation District, North Olympic Salmon Coalition and WDFW. This project compliments the Wild Olympic Salmon/WDFW Salmon Creek/Chimacum Creek Summer Chum Stock Supplementation Project. Total project reach extends from SR101 upstream approximately 2800 ft. Implementation will occur by the Conservation District in cooperation w/WDFW. Timeframe: Design - 2000; Construction - 2000 & 2001; Monitoring/maintenance - 2000-2005.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1144	WA IAC	Colville Confederated Tribes, Okanogan Irrig	Salmon Creek: Instream Flows	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$230,000.00	Upper Columbia

Project Description

The Okanogan Irrigation District (OID) requests \$230,000 to undertake agricultural water conservation throughout the district in order to save 600 acre ft of water annually which would be dedicated to instream flows for endangered steelhead & chinook. Presently the OID achieves an 86 % efficiency rate. District-wide conservation measures would be achieved by 1) installation of flow meters & flow measurement devices, 2) software for water budgeting, accounting & tracking of conserved water, 3) improvements to booster stations & variable speed drives, & 4) an automated system for water delivery. Inadequate instream flows obstruct access to 12 mi. of high quality spawning & rearing habitat above the OID diversion dam. Results of a limiting factors analysis in the lower 4.3 miles of Salmon Creek indicate that passage flows of 15-20 cfs are required below the diversion dam. A study undertaken by the OID & Colville Tribes identified alternatives to provide these flows. Conservation & six other alternatives are being implemented-together that would provide year-round flows to support the life cycles of steelhead & chinook. Salmon Creek is identified in 3 independent studies as having the greatest potential for supporting anadromous fish populations in the Okanogan Basin. A fish ladder has been constructed at the OID diversion dam & the District's fish screen has been upgraded to NMFS' criteria. To date, \$2 million have been spent towards fish recovery in Salmon Creek.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1729	WA IAC	Mid-Puget Sound Fish Enh Grp	Salmonberry Creek Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-JAN-01 -	Salmon Habitat Protection and Restoration	\$288,600.00	\$0.00	Puget Sound

Project Description

The Salmonberry Creek restoration project will create a side channel that will flow through a series of ponds that mimic beaver pond rearing areas for coho and cutthroat. This channel will help to alleviate the adult stranding that takes place annually due to stream channelization and invasive plant species within this agricultural area. This stranding is occurring before the salmon reach their spawning grounds. The side channel will add approximately 5,000 lineal feet of rearing habitat and ease adult migration through this channelized segment. This project is expected to significantly increase the juvenile coho and cutthroat numbers and survival rates. This area is completely devoid of riparian vegetation, therefore, a riparian buffer will also be re-established for an average of 100 feet wide along the created channel and the area between the new channel and the existing creek. Conservation easements will be secured for long-term protection of the project and the resource.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1145	WA IAC	South Puget Sound SEG	Schumocher Creek Fish Passage Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$56,516.00	Puget Sound

Project Description

The Schumocher Creek Fish Passage project is located 15 miles northeast of Shelton in Mason County. The project will replace a road culvert that failed during heavy rains of 12/99. The former culvert, a 72" diameter x 50' long arched culvert was undersized in relation to the stream size and had created an outlet drop of over 18" prior to being removed by natural causes. The completed project will provide and maintain passage to over 5 miles of spawning and rearing habitat, including a 20+ acre wetland that is directly upstream from the project site. The project will be designed to provide passage to juvenile and adult salmonids at all stream flows. Targeted species include coho, steelhead, cutthroat and sockeye. Providing critical habitat upstream of the project area will benefit coho, steelhead, and cutthroat as well as potential reintroduction of sockeye salmon. Potential designs range from a full span bridge that would return the stream to a natural, stable channel to an aluminum box culvert. The County is able to pursue a box culvert design, but would not be able to look at a bridge design due to the increased cost related to that type of project. Funds requested for this project would be used to assist the County in pursuing a bridge structure. The project will begin as soon as permitting allows. Supporting organizations: SPSSEG, Squaxin Island Tribe, Mason County Public Works (design), Allyn Community Assoc., SW Puget Sound Watershed Council, and WDFW.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1046	WA IAC	Makah Tribal Council	Sekiu River Log Jam Construction	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 02-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$104,382.00	Puget Sound

Project Description

The project will construct full-spanning logjams to reduce stream energy, trap sediment, & increase cover, holding pools, tail-out spawning areas, & off-channel & side-channel habitat. Independent instream LWD will be placed downstream from the jams where needed to reduce bank destabilization. Early aerial photos were analyzed to identify log jam & side channel locations on the lower Sekiu River mainstem before the area was logged. When heavy logging began, old-growth timber was rafted down-river. Existing jams were removed & the channel was scoured. The old jams no longer exist, & the river has largely abandoned its side channels. Past activities & on-going disturbance have created a stream channel that lacks large woody debris & short-term sources for wood input. The Sekiu River's high flow during winter months allows it to flush most wood that comes into the channel. The proposed jams will trap wood until the riparian timber grows large enough to resist flushing. The project will rebuild large complex jams and bars like those present before intensive logging began. The jams will provide significant habitat for salmonids & their prey. Logjams will be built around 1-4 key pieces (dbh . 48") with rootwads that meet size criteria to resist mobilization in the channel during high flows. Roughly 15 - 20 smaller trees (dbh 16" - 30") will be placed amongst the key pieces to build up the jam. We expect that other LWD will also be recruited over time.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1871	WA IAC	Chehalis Basin FTF	Singer Creek Barrier Removal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-FEB-01 -	Salmon Habitat Protection and Restoration	\$181,945.00	\$0.00	Washington Coastal

Project Description

Singer Creek, WRIA # 22-0375 in Grays Harbor County, a tributary to the West Fork Satsop River. This creek supports coho, chum, cutthroat and possibly chinook and steelhead. A county culvert at stream-mile 0.5 precludes fish access to the upper 3 miles of excellent spawning, off-channel rearing and overwintering habitat in this 1800+ acre watershed. The project goal is to replace the blocking culvert, which is currently 5 feet in diameter, with a larger fish passable culvert that is 13 feet in diameter to reopen access to critical habitat. Blocking culverts is one of the primary limiting factors for the Satsop River Basin, as supported by the 1993 U.S. Fish and Wildlife Chehalis Basin Report, 1993, the WDFW and Quinalt Tribe Instream Culvert Study (personal communication with Bruce Baxter) 1995, the WDF Catalog of Washington Streams Salmon Utilization, 1975, and the most recent limiting factors analysis by the Conservation Commission and Dr. Carol Smith, the primary author (personal communication). Project partners are Columbia Pacific R. C. & D., Chehalis Basin Fisheries Task Force, Grays Harbor County, Simpson Timber Co., in cooperation with WDFW Habitat Program engineers and biologists. This is one of the two blocking culvert projects being proposed in the 300 square-mile Satsop watershed by CBFTF at this time. The culvert would be replaced in August, 2001.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1151	WA IAC	King County DNR & Parks	Site 1 Duwamish	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 26-DEC-01	Salmon Habitat Protection and Restoration	\$0.00	\$500,000.00	Puget Sound

Project Description

Site 1 Duwamish is located at river mile 6.3 along the right bank of the Duwamish River estuary. It is important because this reach of the estuary provides the appropriate range of salinities for juvenile chinook to transition to salt water. It also contains among the highest juvenile densities in the Duwamish. Site 1 has been identified as important by every major habitat study of the Duwamish estuary since 1991. The site is included in the Green Duwamish Ecosystem Restoration Study and funding for future restoration is expected to be available through the US Army Corps of Engineers. The Site 1 Duwamish acquisition project is intended to purchase lands in the Duwamish corridor for future restoration. Site 1, at 2.5 acres is among the largest remaining pieces of open space in the Duwamish Corridor. It is located opposite Cecil Moses Park, which is being restored through the Elliot Bay Duwamish Restoration Panel program. Key parcels comprising Site 1 are under one ownership and are currently on the market, so there is some urgency. The objective of restoration will be to create 2+ acres of restored intertidal estuary--a backwater slough with integral habitat benches at appropriate elevations to support populations of carex and other native vegetation. The acquisition project will be a cooperative venture of King County, the City of Tukwila, and the Elliot Bay/Duwamish Restoration Panel. Other groups will participate with Corps in restoration phase of the project

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1158	WA IAC	Fish & Wildlife Dept of	Skyline Canal Fish Screen	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 26-JUN-01	Salmon Habitat Protection and Restoration	\$0.00	\$100,000.00	Upper Columbia

Project Description

Skyline Canal Fish Screen: The facility is located approx. 8 mi. NW of Winthrop, WA & provides irrigation water to estim. 300 ac. of land used for cattle & alfalfa. The head gate & fish screen are located on USFS property & were 1 of 6 "Section 7d" diversions prohibited by NMFS from diverting water in 1999 until mesh size & velocity criteria were in compliance with current screening criteria. As a temporary fix, WDFW & funding assistance from the Methow Conservancy, installed stainless steel perforated plate with 3/32" diameter holes on the exiting drum screen. To comply with the approach velocity criteria Skyline Canal was required to reduce their flow from 20 to 9.5 cfs. However, due to conveyance losses, were unable to deliver water to all users, & subsequently, did not deliver water during the 1999 irrigation season. The existing fish screen facility was constructed in the 1940's & does not meet current WDFW/NMFS biological criteria. The 4-ft dia. x 8-ft long paddle wheel driven drum is too small for the 20-25 cfs current max. flow. The resulting 1 fps approach velocity impinges ESA-listed spring Chinook, steelhead, & bull trout fry. The site has been evaluated by WDFW & a preferred site selected for replacing the screen in summer 2000 or spring 2001.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1764	WA IAC	King County DNR & Parks	Snoqualmie River Mainstem Reach	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-FEB-01 -	Salmon Habitat Protection and Restoration	\$85,000.00	\$0.00	Puget Sound

Project Description

King County Department of Natural Resources requests \$85,000 to complete acquisitions in an important reach of the Snoqualmie River. The funding would be used to purchase one 20-acre parcel (see enclosed parcel map, parcel 1024079009). The target parcel contains roughly 1000 feet of riverfront along the Snoqualmie. The reach is one of the few stretches of the lower Snoqualmie with a forested riparian corridor that extends more than a few feet from the ordinary high water mark. The forested riparian corridor is well over 300 feet (the red polygon on the enclosed aerial photo demarcates the 300-foot buffer from the approximate river centerline). The parcel also contains portions of a side channel feature that the county wants to protect as a winter rearing area for Chinook salmon. The location of the side channel is critical in that it is just downstream of two of the four primary spawning areas for the Snohomish Fall Chinook stock. Snohomish Fall Chinook may be especially dependent on freshwater rearing habitat. Data collected from returning adults suggest that a high proportion of the stock spends an entire year in freshwater habitat before moving to salt water.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1034	WA IAC	Cowlitz Game and Anglers	So. Fork Toutle	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-MAY-00 - 26-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$42,154.00	Lower Columbia

Project Description

Objective: Optimize introduction of Steelhead/Coho in waters disturbed by Mt. St. Helens activity of 1980 by reconstructing fish passageway on Brownell Cr. A new fish ladder will be installed and a new intake screen that will enable natural spawning in upper creek. Scope: (1) Remove land slide, replace intake screen & fish ladder at Brownell Cr. opening 5 miles of natural spawning and rearing habitat. Site History: The project is on WEYCO land 4 mi from confluence with N.F. Toutle. Site ceded to WDF&W in 1981 for restoration of Salmonid populations decimated by 1980 eruption. Since, 125 members of Cowlitz Game & Anglers have successfully operated & maintained the site on 100% volunteer basis resulting in significant restoration of the fishery & successful spawning area. The aging passageway at Brownell Cr. has caused observed kills of adult migrating natural Steelhead/Coho and observed kills of out migrating natural smolts. Expected Results: Long term rebuilding natural Steelhead and coho stocks.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1890	WA IAC	Willapa Bay RFEG	South Bend Mill Creek Restoration Projec	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Salmon Habitat Protection and Restoration	\$78,500.00	\$0.00	Washington Coastal

Project Description

The South Bend, Mill Creek Stream restoration project will restore approximately 800 feet of spawning habitat and reconnect off-channel estuary rearing habitat for salmon. Our strategy this round was to focus on small spawning streams where we had sufficient data and could interface with the estuarine projects from the past SRFB funding rounds. This stream had three (3) surveys completed by three (3) separate consultants to validate the potential of the project, plus willing landowners and local support. "Salmon and Steelhead Habitat Limiting Factors in the Willapa Basin" identifies loss of large, woody debris (LWD), rearing habitat, and spawning gravel as limiting factors in this part of the watershed. The project will directly benefit salmon by: creating spawning habitat, establishing a riparian zone, and creating access for off-channel rearing. The LWD will be installed using the "engineered approach". Currently, Chum and Coho salmon have been seen attempting to use the stream for spawning. By being located at the edge of South Bend across from a public boat launch, public education and outreach will be a highlight of the project. The City of South Bend, Department of Transportation, South Bend School District, Weyerhaeuser, South Bend Revitalization, and Willapa Bay Organization are partnering together for this project. Weyerhaeuser logged the area upstream about ten (10) years ago; consequently, the area is stable with no logging and road access is closed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1128	WA IAC	Whatcom Land Trust	South Fork Chinook	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$596,227.00	Puget Sound

Project Description

South Fork Chinook will purchase and restore the best remaining Chinook salmon habitat in the South Fork Nooksack. The project will acquire 285 acres of riparian habitat along the last natural meandering reach of the river. Upstream of the project area the river flows in a narrow valley with few stable off channel sloughs. Down stream, flood control dikes confine the river. Since 1938, 86% of off-channel habitat in the South Fork has been lost and total river length reduced by 37%. This project is ideal for habitat acquisition because it is located in the most strategic naturally functioning reach of the South Fork. The project includes restoration of natural hydrologic functions through placement of engineered logjams and riparian planting. The Lummi Indian Nation, Department of Ecology (DOE), USFWS, Whatcom County Parks and the Whatcom Land Trust are partners in this project. Lummi Nation will provide restoration and monitoring services. County Parks, DOE and USFWS will provide matching monies for acquisition. Whatcom Land Trust and County Parks will facilitate acquisitions and hold properties in perpetual stewardship. Since 1989 the Land Trust & Whatcom County have protected by acquisition & conservation easements over 575 acres of river corridor in the project area. Nooksack Recovery team members have completed significant work in the basin, including riparian restoration & major logging road storm proofing project to reduce sediment delivery to the reach.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1078	WA IAC	Pierce Co Conservation Dist	Sportsmans Club Oxbow Reconnection	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$72,535.00	Puget Sound

Project Description

The project will reestablish fish access to an existing oxbow lake on the lower Puyallup River by use of a concrete culvert structure with an internal fish ladder. The fish passage structure will replace the existing barrier culvert that conveys water under the levee from the oxbow into the Puyallup River. This project was rated 3rd in priority of potential restoration sites on the lower Puyallup by the Puyallup Tribal Fisheries Site Restoration Catalog. Side channel habitat and flood plain connectivity, both of which will benefit from the project, are listed by the Washington State Conservation Commission report as limiting factors for the Puyallup River (p. 12). The oxbow will provide over 18 acres of important off-channel rearing habitat for juvenile salmonids, including coho salmon, chinook salmon (a listed stock), steelhead, and sea-run cutthroat trout. The Sumner Sportsman's Association owns the property and is willing to proceed with the project. Project partners also include Pierce County, the South Puget Sound Salmon Enhancement Group, and the Puyallup Tribe. Construction will take place in the summer of 2000.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1804	WA IAC	Kitsap County Parks and Rec	Stavis Estuary Preservation Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Salmon Habitat Protection and Restoration	\$1,125,000.00	\$0.00	Puget Sound

Project Description

The Stavis Estuary Preservation Project will acquire and permanently preserve one of the finest estuaries in Hood Canal and the Kitsap Peninsula. This 2-year, \$1.5M project aims to purchase for Kitsap's County open space Program. 13 parcels on 88 acres with 7,250 from feet (1.4 miles) of estuarine shoreline along this last, best remaining estuary. The project is coordinated with the Hood Canal Salmon Sanctuary, a multi-agency effort among WDFW, DNR, UW, Kitsap County, point No Point Treaty Council, Hood Canal Environmental Council and the Kitsap Land Trust, which has purchased some 580+ acres in Stavis and adjacent watersheds. This project was selected based on the prioritized recommendations of the Kitsap Peninsula Refugia Study classified as a Tier 1 project in the Hood Canal Coordinating Council's Salmon Recovery Strategy. The Project site is immediately downstream from DNR's 550-acre Kitsap Forest Natural Area Preserve. By acquiring these parcels we will ensure that 19 potential building sites are not developed in this sensitive area that provides a prime example of a healthy, fully functional estuary. Recent scientific studies have made a persuasive argument for preserving ecologically functional refugia areas as the cornerstone of a long-term conservation program: this project aims to do just that by preserving the best of the best refugia areas in the region.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1206	WA IAC	Stillaguamish Flood Ctrl Dist, Stillaguamish In	Stillaguamish Old Channel Habitat Rest.	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$253,520.00	Puget Sound

Project Description

To re-establish freshwater flow in the Old Channel of the Stillaguamish River, a low-restriction tidegate structure would be installed to capture tidal inflows from Hatt Slough. At present, whenever main channel levels are low in July-October, fresh water enters the Old Channel from Hatt Slough only during flood tide. Little or no net downstream flow is produced, however, because the tides enter from both ends, they ebb back the way they came. Stagnation results with dissolved oxygen (DO) levels as low as 4.4 mg/l, high conductivity and elevated temperatures. Hydraulic data indicate that a tidegate facility installed near the Old Channel entrance at Hatt Slough would capture the flood-tide inflow and force downstream an averaged daily freshwater volume of roughly 1.5 million cubic feet. The project combines this infusion of clean water (90-95% DO, zero salinity) with restoration or enhancement of approximately 85 acres or riparian vegetation along the length of the Old Channel, which meanders 8 1/2 river miles from Hatt Slough, past Stanwood, to Port Susan and Skagit Bay. Phase 1 - Clarify projected impact on water quality. Develop the revegetation plan and the design for the tidegate facility. Phase 2 - Construct tidegate facility (partly funded by COE), implement the reveg plan, and initiate monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1039	WA IAC	Fish First	Swift-Killian-Sargent Cedar Crk. Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$102,179.00	Lower Columbia

Project Description

This project will restore degraded salmonid spawning habitat, improve stream complexity and recover and restore rearing habitat on 1.7 miles of the Amboy to Yacolt reach of Cedar Creek, a tributary of the North Fork of the Lewis River in Clark County. According to the draft WRIA 27 Limiting Factors Report: "The Cedar Creek watershed provides the majority of spawning and rearing habitat left for all species of anadromous fish in the North Fork (Lewis River) system." Two species listed as threatened (Chinook and Steelhead) and one candidate for listing as threatened (Coho) and one proposed for listing (Cutthroat) are present in the Cedar Creek system. The draft WRIA 27 LFR and the Lower Columbia Steelhead Conservation Initiative both identify the system as sanctuary habitat in need of protection and restoration. The subject properties have historically provided excellent spawning and rearing habitat that has become degraded due to past removal of most large wood debris. That removal has resulted in loss of stream complexity, spawning gravel locked up in a mix of cobble and substrate fines, and loss of access to high quality rearing habitat. This project will develop in-stream spawning beds anchored by large rock vanes, add root wads and other LWD and recover several lost rearing areas.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1823	WA IAC	Quileute Tribe	Tassel Creek Bridge/Sol Duc Watershed	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 - 10-OCT-01	Salmon Habitat Protection and Restoration	\$77,441.00	\$0.00	Washington Coastal

Project Description

The purpose is to replace a fish blockage (culvert) with a bridge. This will open 3.77 miles of spawning and rearing habitat for coho, steelhead, Chinook, chum, and sea-run cutthroat. This is the last human made barrier in Tassel Creek, a tributary to the Sol Duc River. This project will complete a sequence begun by Clallam County and Pacific Coast Salmon Coalition in 1997, following recommendation of Sol Duc Watershed Analysis prescriptions and WDFW off-channel survey. This project also includes habitat enhancement with large woody debris (logs and root wads). Presently, the blocked area has prime fish habitat with good cobble and gravel, average 7° C clear waters, and an adequate riparian area. The project is listed in the Limiting Factors for WRIA 20.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1770	WA IAC	King County DNR & Parks	Tolt River Aquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-FEB-01 -	Salmon Habitat Protection and Restoration	\$399,500.00	\$0.00	Puget Sound

Project Description

The King County Department of Natural Resources requests \$399,500 to conduct acquisitions in the Tolt River Basin. The funding would be used to purchase up to 80 acres. The target parcels lie in significant channel migration areas along the lower Tolt River, approximately from RM 2.5 - 3.5 and from RM 5.5 - 6.5. Much of this area is a high quality, undeveloped riparian corridor. Log jams create pools and deflect flows into side channels. The number and extent of side-channel formations provide a high degree of habitat complexity, creating a full range of habitats for multiple species and multiple life stages. The objective of this aquisition is to prevent additional residential development in the stream corridor up to the Forest Production District boundary and to encourage the interplay of natural processes on the landscape. Acquired land will be managed for habitat protection by the King County Parks System. King County Parks System has an excellent track record of managing habitat areas through its natural area protocol, which currently applies to more than 1,000 acres countywide.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1168	WA IAC	Columbia Conservation Dist	Tucannon & Touchet River Riparian Restor	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$80,000.00	Middle Columbia

Project Description

Project proposal will continue past efforts to protect existing riparian areas and to enhance and reestablish degraded riparian areas in the Tucannon and Touchet River Watersheds and their sub-basins as identified through the SASSI/CREP process for critical/depressed stocks and spawning/rearing areas. Tucannon River, a 208,000-acre watershed, excluding the Pataha sub-basin and tributary to the Snake River in WRIA 35, is home to ESA listed stocks of spring and fall chinook salmon, steelhead, and bull trout. Touchet River, a 243,000-acre watershed within Columbia County, and tributary to the Walla Walla River in WRIA 32, is home to ESA listed stocks of steelhead and bull trout. High stream temperatures is a primary limiting factor impacting salmonids in both watersheds as identified in the Tucannon River Model Watershed Plan, Walla Walla Basin Assessment, and various other documents. Project objectives are to reduce temperatures and complement riparian and in stream habitat projects. Supporting goals are to increase adult pre-spawning survival, egg incubation success, and juvenile rearing. Columbia Conservation District (CCD) will work with landowners, WDFW, BPA, NRCS, USFS, CTUIR, Nez Pierce Tribe, and others to ensure efforts are effective and successful.

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Project Ref	Grantee	Subgrantee	Project Name	State
00-1190	WA IAC	Columbia Conservation Dist	Tucannon-Touchet R. Watershed Hab Enh	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$70,000.00	Middle Columbia

Project Description

The Tucannon River, a 208,000-acre watershed (excluding Pataha Creek) and tributary to the Snake River is home to ESA listed spring & fall chinook, steelhead & bull trout. The Touchet River a 243,000-acre watershed and tributary to the Walla Walla River is home to ESA listed steelhead and bull trout. Both watersheds are targeted for upland enhancement to benefit salmonid habitat. Sediment impacts to salmonid habitat have been identified as limiting factors in the Tucannon River Model Watershed Plan, Assessment of Salmonid Fishes/Habitat Conditions/Walla Walla Basin 1998 Annual Report, and various other assessments, annual reports, recovery plans and Draft assessments. Project objectives are to reduce agriculture sediment impacts, increase egg incubation success and juvenile salmonid survival while working cooperatively with private landowners utilizing NRCS and WCC identified Upland Best Management Practices. Primary project areas will be identified utilizing the SASSI/CREP process targeting highly erodible land draining to spawning and rearing river reaches. This project will reduce in stream sediment and complement various upland, riparian and instream habitat projects completed and planned. Project will include 1000 acres in 5 year direct seeding and implementation of 5 water/sediment control practices.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1193	WA IAC	Columbia Conservation Dist	Tucannon-Touchet R. Watershed Instrea	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$200,000.00	Middle Columbia

Project Description

This proposal will allow for continuation of salmonid habitat restoration in the Tucannon and Touchet watersheds. The Tucannon, a 208,000-ac. watershed excluding Pataha creek, is currently home to ESA listed spring & fall Chinook salmon, steelhead, and bull trout. Numerous inventories completed by NRCS and WDFW concluded there are three main limiting factors to fish production in the Tucannon: * high water temperatures * excess sediment * and poor pool habitat for resting and rearing Watershed scale assessment is currently in progress in the Touchet. Early data indicates similar limiting factors. From these limiting factors, the following goals for in stream salmonid habitat restoration were developed: * increase natural stability and in-stream pool quality and quantity * reduced water temperatures, stream bank erosion and sedimentation rates FY2000 projects will augment past projects toward desired habitat conditions within the Tucannon and Touchet River Watersheds. Individual project sites are evaluated for critical limiting factors and corrective actions identified by an Inter-Disciplinary Team (district, WDFW & NRCS staff, & landowner). This team uses bioengineering methods of structural design applicable to stream type and conditions. Past projects have resulted in active landowner support for watershed salmonid habitat restoration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1698	WA IAC	Pomeroy Conservation Dist	Tumalum Creek Riparian Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-JAN-01 -	Salmon Habitat Protection and Restoration	\$105,995.00	\$0.00	Lower Snake

Project Description

This project is located on Tumalum Creek, a tributary of the Tucannon River. The targeted stock is Snake River Steelhead. It enters the Tucannon in an area where there may be some age class of steelhead, chinook, or bull trout present at some time of the year. The Tumalum originates on and flows through federal and state lands for approximately 5 stream miles and continues through private lands for approximately 4 stream miles (3.3 miles in the project area owned by one family). This project will start on the Tumalum as it leaves state lands. This is an opportunity to have nearly the complete stream length under either a protection or restoration condition. It is wide valley bottom that changed dramatically in the mid-1960's due to fire and flood conditions. The landowner stated that it was a grassy valley with numerous tress. The present condition is a wide gravel/cobble valley floor with limited vegetation and a stream that flows sub-surface at times of the year in the lower section. Steelhead spawn in the upper reaches in the spring and survive the summer in deep pools. The goal of this project is to reestablish a riparian buffer through the 3.3 mile section by installing the following practices: plant approximately 100 acres of native trees/shrubs per acre, off-stream livestock watering systems, exclosure fence (approximately 40,000 feet), and see the riparian corridor to native herbaceous species. The riparian buffer is entered into the CREP for 15 years.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1209	WA IAC	Snohomish County Parks Dept, Snohomish C	Twin River Quarry Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 21-NOV-02	Salmon Habitat Protection and Restoration	\$0.00	\$823,916.34	Puget Sound

Project Description

Snohomish County is seeking to acquire the Twin Rivers Quarry property located at the confluence of the Snoqualmie and Skykomish rivers. The 157 acre property contains 5 acres of diked agricultural land within the floodplain along the right bank of the Snohomish River, downstream of the SR 522 bridge. The floodplain and its associated riparian area (mature, conifer-dominated forest) encompass 66 acres. The remaining 91 upland acres feature two small creeks which descend a forested hillslope, merge, and flow through the bed of an historic side-channel that connected to the Snohomish River prior to diking. The site's 3,700 linear feet of riverfront has been armored with riprap along its entire length. The site would provide an excellent restoration opportunity to remove bank armour, reconnect the side channel, and replant native riparian vegetation. The objective would be to restore rearing habitat for juvenile salmon in off-channel areas and along the main-stem edge. Dike removal would also restore habitat-forming processes by allowing the river to migrate laterally through its floodplain.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1004	WA IAC	Yakima Greenway Foundation	Union Gap Reach Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$500,000.00	Yakima

Project Description

This proposal is for the acquisition of high quality, riparian and floodplain habitat and associated water rights on a key reach of the Yakima River. The "Yakima City" reach was identified by Dr. Stanford, Director of the University of Montana's Flathead Biological Station, as essential to salmonid survival in the Yakima Basin due to the presence of extensive groundwater upwelling zones. The reach contains extensive floodplain habitat and critical rearing and over-wintering sites for juvenile salmon, many of which are federally or state listed. Loss of floodplain habitat since the late 19th century has been a major factor limiting survival of juvenile fish in the Yakima River. Specific objectives are to 1) permanently protect existing high quality, riparian habitat on a key reach of the Yakima River, and to 2) enhance instream flows for the benefit of anadromous salmon and steelhead. In cooperation with the Bureau of Reclamation and Yakama Nation Fisheries, The Nature Conservancy prioritized several tracts for acquisition of 575 acres just south of Yakima. Properties acquired with SRFB funds will be managed by The Conservancy in accordance with the Bureau's Basin Conservation Plan. This project will provide immediate and permanent protection of important habitat, and opportunities for future restoration efforts. This project has the support of the Department of Fish and Wildlife.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1864	WA IAC	Chehalis Basin FTF	Un-named Creek Barrier Removal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-FEB-01 -	Salmon Habitat Protection and Restoration	\$199,346.00	\$0.00	Washington Coastal

Project Description

Unnamed Creek, WRIA # 22-0420 in Grays Harbor County, a tributary to the Middle Fork Satsop River. This creek supports coho, chum, cutthroat and possibly chinook and steelhead. A county culvert at stream-mile 0.9 precludes fish access to the upper 3 miles of excellent spawning, off-channel rearing and overwintering habitat in this 4000+ acre watershed. The project goal is to replace the blocking culvert, which is currently 4 feet in diameter, with a larger fish passable culvert that is 16 feet in diameter to reopen access to habitat due to blocking culverts is one of the primary limiting factors for the Satsop River Basin, as supported by the 1993 U.S. Fish and Wildlife Chehalis Basin Report, 1993, the WDFW and Quinalt Tribe Instream Culvert Study (personal communication with Bruce Baxter) 1995, the WDF Catalog of Washington Streams Salmon Utilization, 1975, and the most recent limiting factors analysis by the Conservation Commission and Dr. Carol Smith, the primary author (personal communication). Project partners are Columbia Pacific R. C. & D., Chehalis Basin Fisheries Task Force, Grays Harbor County, Simpson Timber Co., in cooperation with WDFW Habitat Program engineers and biologists. This is one of the two blocking culvert projects being proposed in the 300 square-mile Satsop watershed by CBFTF at this time. The culvert would be replaced in August, 2001.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1179	WA IAC	Pomeroy Conservation Dist	Upland Sediment Reduction Program	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	18-MAR-00 - 14-AUG-01	Salmon Habitat Protection and Restoration	\$0.00	\$84,900.00	Lower Snake

Project Description

This project is to continue the effort in the Pomeroy CD to further reduce erosion from our upland croplands. A large portion of the sediment generated from this erosion reaches our fish bearing streams within the district. Two of these streams have documented Steelhead populations while two others have had populations in the past. Sediment in the streams greatly reduces spawning and rearing habitat. We currently have programs available through CREP and continuous CRP to cover the immediate riparian zone of large portions of these streams. However, the programs available to continue with the adaption of changing crop rotations, reduction of conventional summer fallow programs, and the conversion from conventional tillage to direct seeding have limited programs and very little funding available. The Pomeroy CD has been funding upland conservation practices through cost share programs for several years and has made tremendous strides towards improved upland erosion control. In order to continue and speed the transition from conventional methods of crop production to less soil disturbance methods, funding should be available to continue with this conversion program. This water erosion can occur several times in the growing season. Preparing a seedbed using conventional tillage leaves the soil exposed to the elements. Direct seeding leaves residue from the previous crop on the surface to protect the soil surface from erosion, conserve moisture and build organic matter.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1079	WA IAC	Snohomish County Parks Dept	Upper Bear Creek Conservation Area 1	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 13-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$250,000.00	Puget Sound

Project Description

This project would provide partial funding to secure approximately 30% of the outstanding timber rights. The objective is to preserve the existing timber, greatly enhancing the habitat value and protecting water quality in the Bear Creek watershed. (The landowners have given the county first right of refusal for the timber rights for a three-year period.) The Land Conservancy, in partnership with Snohomish County, is finalizing the purchase of 664 undeveloped, forested acres, along with a three option on the remaining timber rights, under IAC grant #99-1705. This property is part of the Paradise Valley Conservation Area, which is a regionally significant resource area. The Draft Lake Washington Chinook Recovery Plan indicates that "...the key to conservation of Lake Washington chinook salmon depends upon rebuilding populations using Bear/Cottage Creek." This property provides habitat for Chinook, Coho, Steelhead, Kokanee, and Sockeye salmonid species. This property is the largest contiguous undeveloped parcel in the upper Bear Creek watershed. It contains a significant segment of Bear Creek and numerous tributaries, including Cottage Lake Creek. Preservation of this property with intact timber rights is critical to the vitality of salmon habitat in the upper Bear Creek watershed

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1786	WA IAC	Snohomish County Parks Dept	Upper Bear Creek Conservation Area 2	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JAN-02 - 13-MAY-03	Salmon Habitat Protection and Restoration	\$250,000.00	\$0.00	Puget Sound

Project Description

This application seeks additional funding for the optioned timber rights over the remaining 340 acres of the Paradise Valley Conservation Area. Snohomish County was successful in the Early 2000 SRFB funding round for the timber rights on 324 acres. This current project request of \$250,000 would enable the County to come closer to the \$1.1 million needed to purchase the optioned rights. The Cascade Land Conservancy, in partnership with Snohomish County, has completed the negotiations for the purchase of the total 664 undeveloped, forested acres in the headwaters of Bear Creek. (The purchase will be finalized in November, 2000.) The property owners have agreed to donate approximately \$1,321,000 in land and timber rights, and a 3-year option on the \$1.1 million dollars of timber value for a portion of the property outlined on the attached map. The property is a regionally significant resource area and provides habitat for Chinook, Coho, Steelhead, Kokanee, and Sockeye salmonid species.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1226	WA IAC	The Nature Conservancy	Upper Suiattle River Habitat Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$382,500.00	Puget Sound

Project Description

This land acquisition proposal involves parcels in the upper Suiattle River drainage in Skagit County. The parcels (Wilcox Properties and the Suiattle River Forest Sites), if acquired, will protect an estimated 6000' of river frontage and over 100 acres of floodway. National Forest land, Tribal Allotments and State Department of Natural Resources land borders these parcels. The Suiattle River is within the wild segment of the Skagit Wild and Scenic River system. Seven species of anadromous fish, including a depressed stock of the federally listed Chinook, are found in the Suiattle River. Spawning and rearing habitat occurs adjacent to the targeted parcels. Several parcels within the Suiattle River Forest Sites could be developed and a few have outbuildings. All the parcels have a cover of mature conifers. Acquiring these parcels will preclude further development and protect streamside and riparian habitat. The northern parcels of the Wilcox property were harvested and reforested in the mid 1900's. Buffers were left along the river and side channels. The southern Wilcox parcel has a cover of mixed hardwood and conifer second growth. Off channel spawning habitat exists within the Wilcox parcels. Acquiring the Wilcox property will provide protection of spawning habitat, river channel character and riparian and floodplain vegetation. Salmon restoration and habitat enhancement projects may be identified. Further timber harvest will be precluded.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1187	WA IAC	Walla Walla Co Cons Dist	Walla Walla County Sediment Reduction	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$120,000.00	Middle Columbia

Project Description

The goal of this project is to decrease sedimentation into spawning beds of fish bearing streams across Walla Walla County. We will implement a direct seed cost share program to reduce erosion from cropland in priority areas and keep fish-smothering sediment out of our streams. We will rank potential project applications, and provide cost share money to direct seed the areas that cause the greatest relative damage to steelhead and bull trout populations. Direct seeding is projected to reduce sediment delivery to spawning and rearing streams by over 10,000 tons over the course of three years, increase survival-to-emergence of listed steelhead and bull trout fry, and ultimately increase the salmonid population in the Walla Walla Basin. Our objectives are to reduce cropland erosion by 95% on enrolled acres; create 2000 A (200A x 20 projects) of upland habitat improvements (food and cover) for birds and other wildlife; encouraged participating farmers to use direct seed methods on their entire farms and make long term conservation-oriented changes to their farming practices; and utilize these 20 projects as demonstration sites to provide educational benefits to farmers across the watershed. It is our hope that this evidence will enable other farmers to adopt direct seeding, and further decrease erosion and sedimentation to improve salmonid survival in the Walla Walla Basin.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1032	WA IAC	State Parks	Washougal River: Slough Creek Riparian	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 03-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$131,173.00	Lower Columbia

Project Description

The objective of the proposed project is to permanently conserve high quality rearing habitat, cold-water refuge and spawning beds for steelhead, sea-run cutthroat, chinook and coho salmon, potentially for chum salmon. The project consists of the immediate acquisition of a conservation fee simple acquisition of 5.4 acres along the south side of the Washougal River, upstream from the Vernon Road bridge in Clark County. This project addresses key limiting factors, including excessive fine sediments, increased temperature, and loss of riparian function. The proposed project is supported by the Fish & Wildlife Dept, the Camas-Washougal Wildlife League, and Habitat Partners. The project area is highly threatened by development. The property has been subdivided and is being marketed; one of the near by lots has already sold and the new homeowner has cleared all vegetation down to the river. Protection of this land will prevent further destruction of riparian vegetation. In addition, the proposed acquisition is immediately downstream from over 400 acres and 8,000 lineal feet of high quality habitat that is proposed for acquisition and protection by the Washington Department of Fish and Wildlife. The project will provide assess for important future restoration on adjacent lands.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1015	WA IAC	Yakima County Parks & Rec	West Valley Community Park	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	03-APR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$26,450.00	Yakima

Project Description

The Wide Hollow Creek Restoration project is located in West Valley Community Park and will be administered by Yakima County Parks (YCP) and WDFW. The project will improve degraded habitat conditions on 3/4 of a mile of Wide Hollow Creek, a tributary of the Yakima River. Degraded conditions include a 10 to 20-foot homogeneous riparian strip of pacific giant willow, and a non-functional floodplain (stream is diked). The project will improve habitat for coho and steelhead. It will be a community effort involving the following contributors: YCP, WDFW, North Yakima Conservation District, local schools, and community residents. Objectives of this project are: 1) Reestablish a natural riparian for nearly 3/4 of a mile 2) Remove a dike and construct an overflow channel to reestablish floodplain functions. 3) Educate students and the public about salmon habitat requirements, and components of a functional floodplain and riparian. Restoration activities will provide: stream shading (temperature moderation), litter fall (food source for fish and invertebrates), bank and soil stability, future LWD, off channel habitat, cool water recharge, and an outdoor classroom for students and the community. Side channel construction and fill removal will be completed by October 1, 2000 and revegetation, maintenance, and monitoring by December 2001. This project will complement several other projects on Wide Hollow being conducted by WDFW, North Yakima Conservation District, and others.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1075	WA IAC	North Olympic Salmon Coalition	WF Chimacum Creek Restoration Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-00 - 03-DEC-02	Salmon Habitat Protection and Restoration	\$0.00	\$124,000.00	Puget Sound

Project Description

The project reconfigures and naturalizes ½ mi. of ditched stream channel on Chimacum Cr. At RM 5.75 - 6.25; replaces a culvert with an inexpensive bridge; and revegetates 15 acres of riparian zone, establishes shade cover and controls invasive weeds upstream and adjacent to a previous project. Excavation of stream bank and placement of LWD such as root wads and anchored logs creates pools and riffles, deflects current and creates back eddies, side channels to establish natural flow dynamics. Logs and rock weirs will control grade as necessary in the project area. The project objective is long term improvement to the overall stream conditions in the watershed, reducing sedimentation, increasing dissolved oxygen and reducing nutrient loading effecting summer chum spawning grounds downstream while improving rearing and spawning habitat for coho, cutthroat and steelhead. A box culvert on the shared access driveway will be replaced with a rail car bridge removing a flow construction. Engineering, design and post construction monitoring are included. Ongoing monitoring in the watershed addresses project objectives of restoration of stream dynamics, water quality, fish presence and plant survival. Monitoring through 2005 includes partnerships with Jefferson County Conservation District, Wild Olympic Salmon, Trout Unlimited and Chimacum Schools. Permitting, design and construction begin in 2000, construction in summer 2001; planting in 2002, maintenance through 2003.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1183	WA IAC	Chelan/Douglas Land Trust	White River Flood Plain Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	11-MAY-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$50,000.00	Upper Columbia

Project Description

Project objectives are to reestablish off channel habitat access for salmon and steelhead in an old oxbow at the end of the Sears Cr. Road along the White River. Obliteration of the road and removal of culverts will reestablish fish access into .5 miles of off channel habitat and allow the floodplain to function naturally in this area. SRF Board funds will be used to match state, federal and private funds to accomplish this project. Historical use includes timber harvest. Current use is recreation due to Late Successional Reserve designation. The State has the White River as the highest priority for floodplain protection and has allocated WDFW \$2 million towards private land purchases or conservation easements. This includes \$50,000 match for USFS projects within the White River basin. The proposed project will obliterate 0.75 mile stretch of the 6404 road in the floodplain. This will include removal of a turnpike section, culverts and replanting with native plants. The road has 18 inches of gravel that would be taken from the area and stockpiled or used on other road surfaces. The rest of the road material would be used to bring the road surface back to the natural contours. Two culverts will be removed & the downstream end of the oxbow set to existing grade to prevent head cutting. Benefits include opening a half mile of off-channel habitat for rearing/refuge habitat for endangered fish species along with restoration of the floodplain use by the White River during high flow.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1087	WA IAC	Nisqually R Basin Land Trust	Wilcox Flats - Phase 1	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$202,715.00	Puget Sound

Project Description

The purpose of this project is to acquire in fee privately owned undeveloped lands in the Wilcox Flats area of the Nisqually Basin in order to 1) provide permanent protection for the excellent quality riparian habitat present in the project area; and 2) allow for future restoration of old side channels to increase salmon productivity. The Wilcox Flats is an area of about 150 acres along a sweeping bend of the Nisqually River south of the Wilcox Farms in Pierce County. Historically this area was a broad floodplain marked by side channels. Over time the side channels were abandoned and in the 1960's the area was subdivided into small parcels (45 in total) and sold for homesites and recreational lots along the river. Major flood events have rendered the area unsuitable for homesites and Pierce County has acquired 12 occupied parcels (41 acres) through flood relief. Also, the applicant has acquired 8 parcels (31 acres). This project is to be conducted in phases. In Phase 1 the applicant will purchase 13 parcels (36.5 acres) from willing sellers. Phase 2 will be completion of land acquisition and Phase 3 will be channel restoration. This project also is part of a larger salmon recovery priority for the Nisqually River, to permanently protect the mainstem Nisqually shoreline and riparian habitat, a distance of approximately 42 river miles (or 84 shoreline miles). The project is supported by the Nisqually River Council and the Nisqually Indian Tribe.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1152	WA IAC	Fish & Wildlife Dept of	Willapa Estuary Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$347,500.00	Washington Coastal

Project Description

The Willapa Bay estuary restoration project will restore and protect over 860 acres of estuary habitat in Pacific County, two miles west of South Bend on Willapa Bay. Critically limited estuarine habitat will be created and wetland sloughs will be restored to provide rearing and nursery habitats for juvenile salmonids making the stressful fresh to saltwater transition. Other project benefits include increased flood water storage and water quality, increased tide water dispersion decreasing erosion of existing tidal areas, and rejuvenated riparian habitat that increases primary production and aquatic and terrestrial insect populations which juvenile salmonids depend upon. This project will also create habitat for shorebirds, waterfowl, and marine invertebrates. Approximately \$347,500 in SRFB funds will leverage over \$4 million in federal funds for NRCS to purchase perpetual easements for the project area and to restore the estuary. Fee titles will be transferred to WDFW. A \$20 thousand dollar topographic survey determining pre-project conditions and facilitating project design by Ducks Unlimited and USFWS has been completed. Upon funding from SRFB, project partners will buy the properties and begin the restoration process. Project partners include WDFW, DU, NRCS, USFWS, Army Corps of Engineers, Willapa Bay Fisheries Enhancement Group, Willapa Alliance, and Columbia-Pacific RC&D.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1114	WA IAC	Willapa Bay RFEG	Willapa NWR HQ Stream Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 22-FEB-01	Salmon Habitat Protection and Restoration	\$0.00	\$59,717.00	Washington Coastal

Project Description

This project is a continuation of work started in 1997 to reestablish chum, coho, and sea run cutthroat trout to an unnamed stream, which runs through the Willapa National Wildlife Refuge (WNWR) Headquarters. In the earlier phase of the project (1997 and 1998), work focused on removing fish passage barriers, rehabilitating spawning beds and reestablishing a chum salmon use. One tide-gate and three culverts were removed, spawning gravel was placed at one location, and 150,000 chum fry have been released over the past two years. In addition to the released chum fry, 13 juvenile coho salmon have recolonized the stream as a result of barriers being removed. An interpretative information center is also planned to facilitate outreach and education objectives for this project. The next phase of work will include the removal of upstream barriers (one culvert, one check dam), establishment of LWD in the stream (total of 3 structures), enhancing/restoring one spawning bed and the release of 50,000 chum fry through the use of remote site incubators (RSI). Please note that grant funds will not be used for the remote site incubators activity nor culvert, dam, or tidegate removal. All work for this particular operation will be performed using volunteer labor. This project has been developed as both a protection and restoration project and represents an effort which reviewed over 220 projects, distilled these further to 15 candidate, and is one of the final 9 selected for submission in the Early 2000 funding cycle.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1195	WA IAC	Pomeroy Conservation Dist	Wilson Banner Ranch Barrier Bypass	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	18-MAR-00 - 29-JUN-00	Salmon Habitat Protection and Restoration	\$0.00	\$9,994.33	Lower Snake

Project Description

This funding project will complete the removal of three fish barriers located on the Wilson Banner Ranch on the Alpowa Creek. It is located less than a mile from the Snake River. The Alpowa Creek contains limited numbers of Steelhead and other native fish species. In order to irrigate their orchards and truck farm, block dams are constructed on a yearly basis. These dams completely block the creek during the irrigation season and severely restrict migration during other times of the year. These barrier problems have been addressed through two other grants to correct the problem. Due to the over run in construction cost of an irrigation inlet structure and delivery system, additional funding is being sought to complete the system. The entire project will be complete when a collection box between the in-stream inlet and irrigation delivery line and the moving of the irrigation pumps is complete. These concrete block dams are shown during the non-irrigation time period. When the dams are constructed, a felt layer is installed over the blocks to restrict leakage between the blocks and give the water enough height above the intake pipe to eliminate during whirlpools and pump cavitation. As the picture below shows, the height of these dams is great enough during the irrigation season to completely eliminate fish migration. One more dam is constructed similar to this one to divert water into an irrigation canal that supplies another irrigation pump.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1244	WA IAC	Skagit Land Trust	Youngs Slough Conservation Easement	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 21-NOV-01	Salmon Habitat Protection and Restoration	\$0.00	\$77,112.00	Puget Sound

Project Description

Skagit Land Trust (SLT), a private non-profit land conservation organization, proposes to purchase a perpetual conservation easement on 60 acres of private agricultural land located within the Skagit River floodplain just east of Sedro Woolley, WA. The easement will protect riparian areas and side-channel habitat on 2 sloughs and the main-stem of the Skagit River (>6000 linear feet of shoreline). Over 30 acres of mature riparian woodland will also be protected. The easement will prohibit development, subdivision and agriculture, but will allow riparian restoration. All five species of salmon will benefit from this project, in particular it includes spawning habitat for Chinook and rearing habitat for Coho. Approximately 35% of the riparian buffers are currently in old abandoned pasture needing restoration. After the easement is acquired, the Trust will work with Skagit Fisheries Enhancement Group to develop and implement a riparian restoration plan. The landowner may retain the right to maintain a small amount of riparian buffer area in open meadow for aesthetic purposes (not to exceed 5 percent, with no cultivation or livestock permitted). This project will be completed by year 2001. SLT will hold and monitor the conservation easement. The Trust currently holds and administers 23 easements, protecting 1150 acres in Skagit County. This project has been endorsed by Skagit Watershed Council, and received a very high ranking on the Council's list of proposed projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1085	WA IAC	Pierce Co Conservation Dist	Zarelli Dam/Clover Creek Fish Ladder	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-MAR-00 - 02-APR-02	Salmon Habitat Protection and Restoration	\$0.00	\$32,540.00	Puget Sound

Project Description

A small dam/ponding facility exists on Clover Creek upstream 100m from Gravelly Lake Dr. in Lakewood. The dam originally served as a water retention facility for a water wheel. The spill way for the weir is a velocity barrier at some flows and must be monitored frequently to insure fish passage. Maintenance is difficult as the site is on private property behind a locked gate. The project will incorporate a concrete fish ladder into the existing weir dam. This will eliminate the need for maintenance and will allow fish passage at all flows. This is the last fish passage issue requiring attention on the mainstem of Clover Creek, and will insure access for coho salmon, steelhead, and cutthroat trout in the creek to nearly 7 miles of habitat above the dam. Project partners include the City of Lakewood (providing a 20% funding match), South Puget Sound Salmon Enhancement Group, and Puyallup Tribe. The project will be constructed in the summer of 2000.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1500	WA IAC	Nooksack Indian Tribe	Acme-to-Confluence Reach Assessment	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$250,000.00	\$0.00	Puget Sound

Project Description

The Lower South Fork Nooksack Reach Assessment (Acme-to-Confluence) will collect and interpret data to support prioritization, design and implementation of acquisition and restoration projects. The Acme-to-Confluence reach transitions from the forested Acme-to-Saxon reach, where a trajectory of habitat recovery is expected, to an agricultural reach where active intervention is required to restore habitat. Historically, the Acme-to-Confluence reach supported complex habitats in multiple floodplain channels and sloughs. Now, the river has largely been hydromodified by riprap and dikes, lacks functional large wood, cover, and pools, and has flow, thermal, and suspended sediment impairment. Appreciable data have been collected for this reach, though not comprehensively. This assessment will produce baseline data to complete documentation of habitat units in the mainstem, sloughs and floodplain tributaries, determine distributions and functions of large wood, assess riprap and levees, and assemble geomorphic and hydrologic data to characterize existing conditions. This data will then be combined with historical habitat information (Collins and Seikh 2002) to determine actions and sequencing for prioritizing acquisition and restoration within the reach. Following prioritization, and working with willing landowners, a pilot site will be selected to design and seek permits for a project that includes restoring portions of the river's historic floodplain and habitat conditions.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1636	WA IAC	Yakama Nation	Assessment of the White Salmon Watershed	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$64,293.00	\$0.00	Middle Columbia

Project Description

The Yakama Nation proposes to use the Ecosystem Diagnosis and Treatment (EDT) methodology for the White Salmon Watershed to establish a long-term framework for quantifying and understanding watershed conditions. The objectives of this EDT assessment are 1) to compile and organize the existing data, 2) to assemble and query those with knowledge of the watershed to maximize validity of the assessment, and 3) to ascertain potential and limiting factors to the production of anadromous salmonids. We propose to work extensively with the US Geological Survey's Columbia River Research Laboratory and in coordination with the future actions of the White Salmon River Watershed Management Committee (including its Technical Review Committee), the Klickitat County's Citizens Review Committee (including the Klickitat Technical Advisory Group), State agencies, and Federal agencies. Results from this work will help develop and prioritize alternative riparian and in-stream habitat projects to improve watershed health. This information will be critical to guide future spending of limited habitat restoration funds. This project does not assume or depend on the removal of Condit Dam, but it does attend to the high interest and likelihood for some sort of structural modification to or near the dam to reconnect the watershed to the anadromous fish runs of the Columbia River.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1624	WA IAC	King County of	Cedar Rapids Floodplain	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$424,000.00	\$0.00	Puget Sound

Project Description

This project builds on the last decade of work at this site and a Round II SRFB acquisition grant. Once completed, it will be the most significant restoration project and first levee removal project to occur on the lower Cedar River. Natural floodplain processes such as overbank flooding and woody debris recruitment would be restored from river mile 7.3 to 7.6. This project is identified in the WRIA 8 Near-Term Action Agenda. The Cedar River chinook run is one of the only documented native chinook runs within WRIA 8 and this project would provide spawning and rearing habitat for chinook as well as coho, sockeye, steelhead, and cutthroat trout. The proposed acquisition and design project consists of the following elements: - planning for the removal of over 500 feet of bank armoring - planning for floodplain and riparian area revegetation on over 10 acres - planning of large woody debris placement in the floodplain to create hydraulic complexity and facilitate natural formation of off channel and side channel habitat - acquisition of ~5 acre area to provide adequate space for overbank flows and off channel habitat. The completed project will address the following problems: - an inaccessible floodplain - invasive plant species in floodplain and riparian zone - lack of woody debris - lack of sufficient off channel rearing and refugia habitat - poor quality spawning habitat - lack of adequate space to accommodate natural riverine and habitat forming processes

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1577	WA IAC	People for Puget Sound	Deer Harbor Bridge/Restoration Design	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$139,600.00	Puget Sound

Project Description
<p>This project will provide the required engineering specifications for a new bridge at Deer Harbor that will eliminate the adverse impacts of the existing bridge on salmonid habitat. It will also compile the technical data necessary to meet local permit requirements for the bridge construction and channel clearing, and establish baselines for post-construction restoration of salmonid stocks and native vegetation in the estuary and bay. Salmon remains are present in archaeological sites at Deer Harbor. Early settlers told the Northwest Boundary Commission that there had been an Indian salmon trap in the stream; the Cayou family operated a salmon weir there in the late 1800's. Historical reports mention sea run cutthroat, coho salmon, and chum salmon. However, in the early 20th Century farming reduced freshwater flows to Deer Harbor. Construction of a bridge over the estuary in 1970 constricted tidal flux through the estuary, further altering sediment deposition patterns, affecting eelgrass meadows and reducing the amount of habitat that is accessible to fish. There is broad community support at Deer Harbor for restoring salmonid habitats, in particular by replacing the existing bridge with one that is compatible with natural tidal flux and stream flows, as well as restoring native sub-tidal and inter-tidal vegetation. This is also a rare case of collaboration between a non-Indian community and an Indian tribe that has cultural and treaty interests in the watershed.</p>

Project Ref	Grantee	Subgrantee	Project Name	State	
WA DNR IAC 120	WA IAC	Washington Department of Fish and Wildlife	Forests and Fish Agreements - Forest and Fish Implementation (F and	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	29-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$388,000.00	\$0.00	Washington

Project Description
Support WDFW staff to assist landowners in implementing and ensuring compliance with the new forest practice rules

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1441	WA IAC	Mason Conservation Dist	Four Basin Fish Passage Assessment	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$340,000.00	Washington Coastal

Project Description

This project will inventory, assess, and prioritize potential barriers to fish passage on anadromous streams in the Humptulips, Hoquiam, Wishkah, Wynoochee Subbasins and the Satsop West Fork WAU. This will include culverts, dams, dikes, railroad grades, etc. The project will determine which structures are presently restricting fish passage, and prioritize those structures for repair using WDFW barrier assessment and stream survey protocol. Passage barriers on both private and public lands will be identified. The MCD will utilize the WDFW barrier database to organize data such as location information, physical measurements, barrier status, digital site photos and prioritization information. GPS data will be collected and used to generate GIS maps showing site locations and barrier status of structures. GIS data and information from the database will be integrated into SSHIAP and the WDFW fish passage barrier database. The Mason Conservation District is currently sponsoring crews to accomplish the identical inventory of that part of WRIA 22 watershed, which is contained within Mason County. The District has the trained staff, most of the equipment, and computer database needed to complete an inventory for these four basins. The database created for WRIA 22 will be used to identify and prioritize projects for SRFB funds to correct fish passage issues. All data collected, including the database and GIS, will be distributed via hard copy and on CD-ROM to all interested parties.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1532	WA IAC	Seattle City of	Habitat Inventory & Utilization	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$300,000.00	\$0.00	Puget Sound

Project Description

The Green/Duwamish and Central Puget Sound Watershed has experienced dramatic alterations over the past 150 years, particularly in the shoreline habitat of the Lower Green, Elliott Bay/Duwamish, and Nearshore sub-watersheds. There is concern that the lower mainstem Green River, Duwamish estuary, and shorelines of Elliott Bay and central Puget Sound are inadequate for juvenile salmonid rearing and ultimately reduce juvenile survival. However, salmonid habitat use and survival is poorly understood in these areas. This project proposes to fill those data gaps by conducting a comprehensive habitat inventory of the lower sub-watersheds and a targeted sampling program of juvenile salmonid habitat use and survival. These efforts would result in 1) a GIS database of habitat conditions and fish utilization and 2) scientific criteria that will be used to identify and prioritize habitat protection and restoration projects. Scientific criteria is critical for selecting the most beneficial projects for future SRFB funding and for inclusion in the WRIA 9 Habitat Plan. In addition, juvenile salmon habitat use and survival data can be used to increase the effectiveness of habitat restoration designs and target preservation actions. This work will also directly support a major goal of the WRIA 9 Strategy: to ensure juvenile salmonid survival. Finally, this work will contribute to an understanding of VSP parameters in WRIA 9 that supports the Shared Strategy for regional salmon recovery.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
03-1205	WA IAC	Ecology Dept of	Intensively Monitored Watersheds FY-04	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$650,000.00	Washington - Statewide

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
02-1531	WA IAC	Quinault Indian Nation	Lake Quinault Fertilization	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Watershed and Sub-basin Planning and Assessment	\$0.00	\$609,967.00	Washington Coastal

Project Description

Lake Quinault is an ultra-oligotrophic sockeye nursery lake located on the Olympic Peninsula of Washington State. Since 1950, sockeye runsizes, escapements, and harvests have declined significantly (Section 1: Figure 1). As the stock declined it is hypothesized that marine derived nutrient inputs from carcasses decreased and negatively impacted lake biological processes at the trophic level. A 2-year QFID limnology program has identified limiting factors to lake productivity. QFID is confident that the loss of marine derived nutrient contributions to lake biological processes limits trophic level productivity and the numbers of smolt sockeye that can be produced. In essence, the lake acts as a "bottleneck" to smolt sockeye production. The fertilization of Lake Quinault project proposes to increase smolt sockeye production and runsizes by enhancing primary and secondary productivity through the addition of low-level concentrations of liquid fertilizer containing N and P over a 5-year period. QFID will monitor the effects of fertilization by examining primary and secondary productivity and correlating changes to juvenile sockeye growth. Enhancing lake productivity is just one component of the QFID sockeye restoration strategy (Section 1). QFID believes that simply improving one aspect identified in the restoration strategy would not be effective to overall sockeye restoration. It is essential to address lake productivity issues in conjunction with other recovery efforts.

Project Ref	Grantee	Subgrantee	Project Name	State
03-1209	WA IAC	Fish & Wildlife Dept of	Lead Entity Support 03-05 biennium	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$1,625,000.00	\$1,625,000.00	Washington - Statewide

Project Description

Provide WDFW administrative support and funding to 26 lead entities.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1440	WA IAC	Lewis County Conservation Dist	Lewis County Habitat Assessment Phase 2	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$165,750.00	\$0.00	Washington Coastal

Project Description
<p>The Lewis County Conservation District is currently working on a culvert assessment in the upper Chehalis River basin in Lewis County and the Skookumchuck River watershed in Thurston County. The information collected will give us the ability to prioritize barriers to complete habitat assessment surveys for individual culverts. The data details all culverts in the watershed, including county and state roads, private driveways and access roads, and logging roads. The holistic approach is extremely beneficial when determining areas of habitat not currently being used by salmonids, and the number of culverts that need to be replaced on each individual stream. This grant will be used to perform a minimum of 50 priority indexes on blockages. We have a Technical Advisory Committee (TAC) in place to prioritize which culverts will be targeted. The TAC is made up of representatives from WDFW, USF&W, DNR, IAC, Lewis County Public Works, a small forest landowners association, Chehalis Confederated Tribe, and Grays Harbor County as the Lead Entity. This grant will continue to fill in data gaps in the Limiting Factors Analysis document. In addition, the top 10 rated barriers will have cost estimate designs completed. This will give the Lewis County Conservation District or other entities all the detailed information needed to apply for funding to replace culverts that are currently detrimental impediments to fish passage.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
02-1643	WA IAC	King County DNR & Parks	Lower Tolt River Floodplain Reconnection	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	05-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$200,000.00	\$0.00	Puget Sound

Project Description
<p>The Lower Tolt Floodplain Reconnection project seeks to restore active floodplain area in the lower 1.1 miles of the Tolt River by setting back levees and naturalizing the restored floodplain area. The lower Tolt is one of the Focus Areas for Near Term Actions in the Snohomish Basin, and setting back levees is one of the actions recommended in the Snohomish River Basin Chinook Salmon Near Term Action Agenda (Snohomish Basin Salmon Recovery Forum, 2001, p. 32). Snoqualmie Fall Chinook spawn in the Tolt River in large numbers, comprising 17.5% of the annual escapement averaged over the last five years (WDFW). In 1997, 27.5% of the Snoqualmie run spawned in the Tolt River. This funding request is for \$200,000 to complete the design and initial permitting for the project. The Salmon Recovery Funding Board previously awarded \$70,000 for a feasibility study. The feasibility study proposed and analyzed four potential restoration concepts. The analysis indicated that each concept would provide habitat benefits for salmonids, while not increasing (and generally reducing) flood hazards to local residents. The County and the City of Seattle have selected a preferred option, based on habitat benefits, flood benefits, impacts to other public resources, and cost. The next step is to develop detailed plans for the project, including permit documents, construction plans, and a monitoring plan.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1299	WA IAC	Nisqually R Basin Land Trust	Nisqually Shoreline Ownership	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	15-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$39,950.00	\$0.00	Puget Sound

Project Description

This project will produce a comprehensive database and mapped inventory of privately held property in the Nisqually and Mashel river corridors. This inventory will include parcel size, ownership (including contact name and telephone number), current land use and habitat characterization (including salmon habitat restoration potential), and assessment of the willingness of landowners to consider selling a property interest that would provide permanent riparian habitat protection. The inventory will include a priority list of acquisition targets, and will allow the Land Trust, the Nisqually Tribe, and others interested in protecting riparian habitat lands along these streams to develop a prioritized acquisition and protection action plan. Providing for permanent protection of the existing high quality riparian habitat of the Nisqually and Mashel river corridors is the highest freshwater priority of the Nisqually River Chinook Recovery Plan. The project allows all the entities active in Nisqually salmon recovery to move more effectively and efficiently participate in implementing the Recovery Plan, and thereby substantially benefits salmon productivity over the long-term.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1458	WA IAC	Willapa Bay RFEG	Oxbow Culvert Design	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	15-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$55,250.00	Washington Coastal

Project Description

This project will develop a design for two culverts on Oxbow Creek: two side-by-side 10 ft culverts. The culverts are blocking 8,726 sq. meters of fish bearing waters, which provide an important biological process of spawning and rearing to Chum, Coho, Chinook, Steelhead, and Cutthroat Trout. The culvert have a priority index of 40.43. The 1.5 miles between the two sets of culverts is lacking in spawning gravel due to lack of LWD. Also, downstream 0.26 miles of passages issues will be included. This effort will collect all the requirements for the in-streams improvements and the culvert replacement data such as: hydraulic data, streambed conditions, stream morphology, and develop a design. A cost estimate will then be developed for the design. Coordination with the County, and WDFW Region 6, and WDFW engineering personnel will be accomplished. There will be a set of reviews: Requirements Review, Preliminary Design Review, and Final Design Review. A bid package will be developed for submittal to potential contractors for construction. A habitat Fish Barrier Assessment was conducted for this project by Water Pockets, their full report (July 2002) is referenced in section, 12b.5, and is available for review. A second culvert on DNR property, will also be part of the design, but will not use SRFB funds and is not part of match, WBFEG will fund the second culvert design. Partners: Pacific County, Willapa RFEG, WDFW Region 6, and WDFW Engineering Dev.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1518	WA IAC	Lower Columbia River FEG	Regional Culvert Inventory	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Watershed and Sub-basin Planning and Assessment	\$0.00	\$264,580.00	Lower Columbia

Project Description

The proposed Regional Culvert Assessment project is a collaborative effort between multiple private landowners, Clark Conservation District (CCD), Cowlitz/Wahkiakum Conservation District (CWCD), Clark County, WDFW, and Lower Columbia Fish Enhancement Group (LCFEG). The Lower Columbia Fish Recovery Board will be the co-sponsor on the project to assure a coordinated assessment effort. The inventory effort will review previous culvert assessments, identify data gaps, assess habitat, and provide preliminary designs and cost estimates for the highest priority sites. The project is supported by the Limiting Factors Analysis (LFA) for the Grays, Elcoghman, Cowlitz, Lewis, and Washougal River watersheds. The LE will use this data to prioritize future barrier replacement projects in the region. The data will be made available to local and state governments, tribes, conservation districts, and local non-profit groups interested in sponsoring a fish habitat restoration project.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1609	WA IAC	Snohomish County of	Skykomish R Braided Reach Restore Assess	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$150,000.00	Puget Sound

Project Description

The Skykomish River between the cities of Goldbar and Sultan is known as the braided reach. As gradient decreases, sediment that is transported from the steeper, confined channels of the upper basin deposits and forms a multi-threaded channel. This dynamic environment has created broad gravel bars and complex off-channel areas that are heavily utilized by chinook salmon and other salmonids for spawning and rearing. Recognizing the importance of this reach for salmon conservation, the Snohomish Basin Salmon Recovery Forum identified it as a "Focus Area" in the Near Term Action Agenda (NTAA). The NTAA outlines an interim strategy for salmon conservation, while the long-term conservation plan is under development. While high quality habitat is still intact along portions of the braided reach, other areas have been highly modified. Habitat conditions that have been substantially degraded include access to habitat, hydrology, water quality, riparian conditions and floodplain connectivity (SBSRTC, in prep.). To address these problems effectively, while acknowledging and addressing human concerns, we are seeking funding to conduct a comprehensive reach-scale analysis. It will include data collection and analysis of channel morphology, floodplain topography, hydrology, hydraulics, riparian conditions and habitat for salmonids. The goals are to fill data gaps and to flesh out the ideas proposed in the nearterm strategy into effective projects that work with habitat forming processes.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1492	WA IAC	Skagit Watershed Council	Wiley Slough Restoration Design	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$145,000.00	\$0.00	Puget Sound

Project Description

The essence of the Wiley Slough Restoration Project is to design a scientifically sound approach to restoring tidal and riverine processes to an area currently isolated by dikes and tidegates. Located in the lower South Fork of the Skagit River on land owned by the Washington Department of Fish and Wildlife, the site contains approximately 175 acres of former estuarine marsh and 16.3 acres of historic tidal channel that can be restored to support natural ecosystem functions for fish and wildlife. The site is currently drained and planted with barley and managed for waterfowl and is adjacent to the recent Deepwater Slough Restoration project that entailed approximately 200 acres of similar restoration. Restoration of estuarine functions to the Wiley Slough site would provide significant benefits to chinook salmon as well as for chum, coho, pink, sockeye, bull trout, steelhead and cutthroat. Increased channel habitat both inside and outside (20.5 acres) of the existing dikes, recolonization by native marsh species that support detrital food chains, and unrestricted flow of water and nutrients across the marsh surface would be particularly beneficial to juvenile salmonids rearing in the estuary. A technical design team will be convened to develop the restoration concepts and solicit public input. Following completion of the 90% design, the proposal will be submitted to the SRFB for implementation funding.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1477	WA IAC	South Puget Sound SEG	WRIA 13 Prioritization and Development	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$74,006.00	Puget Sound

Project Description

SPSSEG proposes to conduct a WRIA 13 Prioritization and Development Project. Ten projects will be prioritized and selected from the WRIA 13 culvert inventory that is currently being conducted by SPSSEG. The current SRFB funded culvert inventory identifies and evaluates anadromous barrier culverts on private roads and driveways, and provides missing data for culvert inventories completed by WDFW and Thurston Conservation District. Data from the completed culvert inventories in WRIA 13 will be incorporated into our database. After the WRIA 13 inventory is complete, the next step is to analyze data and prioritize anadromous barriers for project development with guidance from the WRIA 13 Technical Advisory Group. The top ten projects will be selected based on feasibility and objectives outlined in the WRIA 13 Strategic Plan. This proposal will provide SPSSEG and cooperating partners with 30% engineered salmonid passable structure designs, cost estimates, landowner information, GIS maps, and site photographs for ten anadromous fish barriers. SPSSEG along with other agencies and sponsors can use the information to implement projects, pursue funding sources, and build partnerships. This project will promote salmonid habitat restoration by identifying acute anadromous barriers which will lead to reestablishing connectivity to spawning and rearing habitat and restoring natural stream functions. Results of the WRIA 13 Prioritization and Development Project will be available to all interested parties.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1380	WA IAC	Chelan Co Conservation Dist	Aerial Photographic Inv.Entiat Watershed	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-MAY-02 - 15-JAN-03	Watershed and Sub-basin Planning and Assessment	\$20,981.00	\$0.00	Upper Columbia

Project Description

The SRF Board has prioritized the acquisition of land and water for the purpose of salmonid recovery. Similarly, the State of Washington and the Northwest Power Planning Council (NPPC) also recognize, and are investing resources in the acquisition of lands and water using fee-simple and lease procedures. However, in eastern Washington there are limited tools available to help local governments, watershed groups, and a their partners identify and prioritize areas for these programs. The Chelan County Conservation District and partners propose to develop such a tool for the Entiat River watershed. Central Washington University (CWU) will inventory land and water use in the Entiat River watershed using aerial photography. The CWU will develop a Geographic Information System-based (GIS) data-layer of the various land and water-use categories throughout the watershed. This data-layer will be incorporated in the Entiat Geographic Information System (EGIS) with layers pertaining to critical salmonid spawning, rearing, and migratory routes, as well as information pertaining to habitat limitations. Together, this information will allow the CCCD and its partners to identify and prioritize lands and/or associated water for fee-simple acquisition and lease for salmonid habitat protection in the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1436	WA IAC	Upper Col Reg Fish Enhance	Assess/feasibility/preliminary design	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$239,700.00	Upper Columbia

Project Description

The purpose of this project is to design measures to protect and restore flood plain processes for nine (9) miles of spawning, rearing, and migratory habitat supporting listed steelhead, chinook, and sockeye salmon at the confluence of the Okanogan/Similkameen rivers. The goal is to assess a suite of possible restoration actions that might include dike modification, riprap removal, riparian plantings, and acquisition of 90 acre Eyhott Island. Objectives include biological and engineering assessments, and restoration planning coordinated among state, federal and private landowners resulting in preliminary designs of measures to protect and restore habitat-forming processes and an adaptive management plan for implementation of these measures. Final design and implementation would be performed under separate funding. The project area, in the vicinity of Driscoll and Eyhott islands, contains "Category 2 and 3" reaches designated by the UCSRB Regional Tech Team. The productive capacity and natural alluvial processes in this area, including some 4.5 miles of spawning habitat supporting the largest concentration of summer chinook in the watershed, are degraded from hydraulic disruption caused by flood control dikes and riprap banks that accelerate high-flows. These altered flow patterns have led to unnatural bank erosion, siltation of spawning and rearing habitat, disconnected side channels, disrupted channel-forming processes, and loss of riparian habitat and wood recruitment.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1355	WA IAC	Mount Vernon City of	Big Bend Reach Habitat Rest.& Feas. Stud	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$77,350.00	\$0.00	Puget Sound

Project Description

To better understand the salmon habitat it has within its jurisdictional boundaries, the City of Mt. Vernon will study the significance of habitat areas within the entire Big Bend Reach (RM 7-19). This is within the Skagit Watershed Council (SWC) Delta Target Area. Dikes parallel both sides of the river. This study will examine the question: What are the habitat values of lands located between the river & the dikes & what steps should be taken to protect and/or restore these critical habitat lands? The study will look at establishing a series of opportunities for migratory and rearing areas within this study reach that will act as refuges for in-migrating adult and out-migrating juvenile salmon. It will also look at the health and function of riparian areas. This information will allow government entities and property owners to implement salmon recovery projects in a prioritized and systematic fashion. A quick look in this reach has determined that there are more than 14 current or potential habitat areas ranging in size from 10 to 132 acres between the river and dikes. It is acknowledged that there is a lack of salmon habitat and refugia along the lower main stem of the Skagit River. Natural functions on the delta are 70% degraded from historic levels (SWC, 1999). Habitat and refugia have been largely removed, are inaccessible or degraded, and are limiting factors for our most at risk salmon species (Skagit chinook and coho), as well as all other salmonids.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1304	WA IAC	WA Trout	Cherry Creek Floodplain Restoration Act	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$198,296.00	\$0.00	Puget Sound

Project Description

Cherry Creek (CC) is the Snoqualmie River's lowest major tributary; its location provides high recovery-benefit potential for listed Puget Sound chinook and other salmonids. An agricultural drainage system (ADS) - 10,200-m of ditched channels, a 2,100-m levee, and a pumphouse-disconnects lower CC from its floodplain. The ADS disassociates CC from important salmonid rearing-and spawning-habitat creation and maintenance processes. The pumphouse impedes access to 12,000-m of spawning and rearing habitat, requires significant maintenance and is unscreened, causing direct mortality of juvenile chinook and other salmonids. Washington Trout (WT) will collaborate with Drainage District #7 (DD#7), WDFW, NMFS, and affected landowners to develop ecologically sound solutions for restoring lower CC floodplain processes, while addressing the needs of DD#7. The feasibility study will reconstruct historical floodplain conditions; collect and model elevation, groundwater, sediment-transport, hydrologic, and flooding data; and assess DD#7 needs. Recent floodplain water-quality and fish-species composition and distribution data will be incorporated. WT will present the evaluated restoration-alternatives to projects collaborators, and seek consensus on selecting an appropriate alternative. Upon final selection, WT will develop a construction design. WT will seek permitting/implementation funding from King and Snohomish Counties, WDOT, the Army Corps of Engineers, and the SRFB.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1016	WA IAC	Natural Resources Dept of	Forest & Fish - HCP	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Watershed and Sub-basin Planning and Assessment	\$836,000.00	\$0.00	Washington - Statewide

Project Description
 Provide first year funding of a three year project to prepare a Habitat Conservation Plan (HCP) that will realize federal assurances as committed to in Washington's Forests and Fish Report (FFR). DNR will work with the Governor's Office and other state agencies in development of a statewide, programmatic HCP that incorporates the provisions of FFR; an environmental Impact Statement; and a negotiated HCP Implementation Agreement with the federal agencies.

Project Ref	Grantee	Subgrantee	Project Name	State
WA DNR IAC 131	WA IAC	Washington Department of Fish and Wildlife	Forests and Fish Agreements - Forest and Fish Implementation (F and	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	25-JUL-02 - 30-JUN-06	Watershed and Sub-basin Planning and Assessment	\$388,000.00	\$0.00	Washington

Project Description
 Support WDFW staff to assist landowners in implementing and ensuring compliance with the new forest practice rules

Project Ref	Grantee	Subgrantee	Project Name	State
02-1467	WA IAC	Friends of the San Juans	Herring Spawn Survey Ph III	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	02-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$97,518.00	\$0.00	Puget Sound

Project Description
 Identifying and mapping the San Juan Archipelago's nearshore eelgrass beds is being conducted as Phase Two of Forage Fish Spawning Habitat Assessment Project already undertaken by the Friends of the San Juans and San Juan County. Areas identified as being suitable to support herring spawn will be sampled to identify such use. Known spawning areas already being sampled WDFW will not be surveyed. Surf smelt, sand lance, and herring spawn throughout the Archipelago where extensive eelgrass beds and beaches nurse forage fish and salmon alike. This proposal is to fund mapping of eelgrass beds and spawn deposition site inventories to identify undocumented herring spawning locations with San Juan County. The objective of these assessments are to identify subtidal vegetation supporting herring spawning using accepted protocols. No net loss" regulations protect both spawning and eelgrass sites; and only where habitat is established by protocol. To protect these habitats, site inventories and eelgrass boundaries must be complete and comprehensive. This project will complete identification and mapping of salmon forage fish stocks and spawn deposition areas of herring; integrate herring data into GIS database developed in Phase I; increase public education for salmon recovery and habitat protection; provide information necessary for Phase IV which is to apply appropriate protective mechanisms, restoration, land acquisition.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1471	WA IAC	Point No Point Treaty Council	Historical & Contemp. Nearshore Habitats	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$53,000.00	\$0.00	Puget Sound

Project Description

The Assessment of Historical and Contemporary Nearshore Habitats of Hood Canal enlists participation from regional stakeholders in development of a framework for identifying and prioritizing protection and restoration actions in the Hood Canal nearshore. Historical charts from the USCGS and contemporary habitat delineations will provide for comparative landscape and site-scale analyses of nearshore habitat change. Using the analysis results and on-site workshops, we will determine human stressors that cause habitat change and natural processes that maintain habitat features. A report will describe analysis results, and recommend actions for specific nearshore habitats. The nearshore is a critical landscape in the life histories of many salmonid species, notably listed chinook and summer chum populations. However, an emerging theme from the Hood Canal Limiting Factors Analysis is our limited understanding of the function of nearshore habitats in salmon ecology. Numerous published sources in the Hood Canal emphasize the need for geographically comprehensive and quantitative information regarding the historic condition of the nearshore. This historical perspective would provide a valuable tool in evaluating the merit of proposed nearshore projects, and in identifying and prioritizing protection and restoration actions. The proposed assessment encompasses the entire Hood Canal nearshore with an emphasis on fluvial and non-fluvial salt marsh and tidal lagoon habitat complexes.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1339	WA IAC	Hood Canal SEG	Hood Canal Ghost Net Survey & Pilot Remo	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	29-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$152,000.00	Puget Sound

Project Description

Ghost nets within Hood Canal have been for years negatively impacting the activity and populations of animals in the marine environment. Ghost nets represent a mechanism of indiscriminate killing. These remnants of commercial fishing activities within Hood Canal have been documented to continually take numbers of seabirds, marine mammals, crabs, benthic and anadromous fishes. The HCSEG is undertaking this project because of the concern by the tribal commercial fishermen and scuba divers' reports of ghost nets in Hood Canal. Locating the ghost nets will involve a joint effort between the Skokomish fishermen, Keyport, WDFW and Battelle. Anecdotal information for all of Hood Canal will be assimilated. Once areas have been identified, the focus will be to prioritize recovery efforts based primarily on the impact to salmon. With side scan equipment supplied by Keyport, these locations will then be surveyed to validate the anecdotal information. A GIS database will be produced by HCSEG that shows confirmed locations along with the extent of possible locations from data gathered by divers, fishermen, and community members. Utilizing previous experience as a foundation, experienced divers will then conduct a pilot project to help establish protocols for removal process. Keyport, HCSEG and the Skokomish tribe will supply materials and manpower needed for removal. This pilot project will then used to establish methods for a more timely system of lost net retrieval.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1377	WA IAC	Hood Canal Coor Council Inc	Hood Canal Strategy Planning Grant	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Watershed and Sub-basin Planning and Assessment	\$135,000.00	\$0.00	Washington - Statewide

Project Description
 The Hood Canal Coordinating Council will develop a comprehensive, science-based recovery plan for the Hood Canal region. Recovery planning requires identifying recovery goals, factors limiting recovery and organizing the important public policy discussions that will guide specific actions.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1356	WA IAC	Skagit System Cooperative	Illabot Alluvial Fan Assessment/Feas	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	10-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$50,320.00	\$0.00	Puget Sound

Project Description
 This study will examine the alluvial fan and floodplain reaches of Illabot Creek drainage, which is located in the Illabot WAU of the Skagit River basin. The study will develop restoration action alternatives that remove or minimize disturbances that have altered watershed processes and degraded habitat conditions in these reaches. The selected reaches were targeted because of these identified disturbances to watershed processes along the alluvial fan -- floodplain interface along with potential for highly productive salmonid habitat upon removal of disturbances. The need for this study has been determined through habitat data collection that has identified: (1) that alluvial fans and associated floodplain wetlands are potentially very productive salmonid habitats; (2) that there are significant disturbances at this site; and (3) that eliminating these disturbances will require complex restoration actions. Current habitat conditions in the study reaches, which are closely associated with adjacent key habitats, appear to be simplified as a surrounding alluvial fan and floodplain. Removal of disturbances and restoration at the site could potentially restore channel forming processes, hydrology and sediment delivery, increasing channel complexity and floodplain connectivity. Thus, significant gains in salmon production potential could be realized. The outcome of this analysis will be 4-7 clearly defined conceptual alternatives that will have a quantifiable basis for evaluation based on costs and projected benefits.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1375	WA IAC	Ecology Dept of	Instream Flow Program	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	25-MAY-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$900,000.00	Washington - Statewide

Project Description
 Restore funding reduced by the legislature for local watershed planning units for instream flows work under the Watershed Planning Act. DOE will issue Instream Flow Grants to local governments for the purpose of conducting instream flow studies and recommending instream flows. This will be done in three steps: 1) Develop a scope of work; 2) Conduct the instream flow study; and 3) Develop flow recommendations.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1014	WA IAC	Ecology Dept of	In-Stream Flows	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$6,000,000.00	\$0.00	Washington - Statewide

Project Description

The Washington State Department of Ecology, in collaboration with the Washington State Department of Fish and Wildlife, local watershed planning groups, affected tribal governments, and the Washington State Department of Agriculture will accelerate the setting, achievement, and protection of instream flows to benefit at-risk Salmonid populations and allow stream habitat to recover. This will be accomplished through: 1. Accelerating and expanding instream flow setting in basins identified in the Statewide Strategy to Recover Salmon; 2. Acquiring water rights to meet instream flows; 3. Expanding the stream gauging monitoring network; and 4. Preparing pilot Comprehensive Irrigation District Management Plans.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1252	WA IAC	Island Co Marine Res Comm	Island County Assessment & Coordination	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$257,000.00	\$0.00	Puget Sound

Project Description

This second-year proposal by a citizen-based Marine Resources Committee (MRC) completes four components and adds a new resource system to Island County's Nearshore Habitats Assessment project #00-1673N, and incorporates the Nearshore Projects Coordinator contract tasks (#01-1086N), and establishes a pilot "Certified Shorelands Stewards" property owner recognition program. In year two, the enhanced nearshore project has five accomplishments: 1. completes underwater videographic eelgrass mapping (Phase III) cosponsored by the Northwest Straits Commission; 2. completes and enlarges the regional scope of comprehensive sampling & mapping of forage fish spawning beaches (multi-partnered & sponsored); 3. continues regional coordination and web-based project management of forage fish mapping in a single contract; 4. adds mapping and assessment of feeder bluffs and accretion shoreforms to the resources evaluated; and 5. focuses the MRC community-outreach undertakings by pioneering a local "Certified Shorelands Stewards" property owner program based upon the "Backyard Wildlife Area" model. These WRIA 6 nearshore resource layers will be GIS mapped to identify future SRFB projects that restore or conserve habitats. This proposal completes important funding partnerships for that mapping, and offers a pilot program to initiate & reward salmonid-habitat protection by waterfront property owners.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1359	WA IAC	Northwest Service Academy	Klickitat River Fish Barriers Survey	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$90,000.00	\$0.00	Middle Columbia

Project Description

The purpose of this project is to conduct a comprehensive culvert survey on all non-Yakama Reservation lands on Klickitat River tributaries using WDFW & WADOT protocols. The Klickitat R. Basin Limiting Habitat Factors Analysis (LHFA) reported that information was lacking on the location of fish barriers on Klickitat tributaries & recommends a survey of all culverts intersecting fish-bearing streams in the watershed, including assessment of available habitat above the culvert to aid in prioritization of barrier correction. The Klickitat Sub-basin Summary discusses tributary passage problems, "Poor design & maintenance of tribal, private, and state road crossings inhibit passage of steelhead & resident salmonids in many tributaries basin-wide." To date the Yakama Nation, Boise Cascade Corporation, & WSDOT have identified prospective barriers on the Yakama Reservation, corporate timberlands, & along HWY 142. DOT identified 11 culverts as barriers including four culverts on unnamed tributaries to the Little Klickitat R. Northwest Services Academy & Klickitat County staff will receive the three-day WDFW training, perform the work in 2002, & report the results & recommend projects to the Klickitat County Technical Advisory Committee & Citizens Review Committee for future SRFB funding.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1374	WA IAC	Fish & Wildlife Dept of	Lead Entity Support	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	24-MAY-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$3,124,109.48	Washington - Statewide

Project Description

Operating funds to cover expenses for the Lead Entity program, operated by WDFW

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1376	WA IAC	Conservation Commission	Limiting Factors	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 - 13-AUG-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$511,148.82	Washington - Statewide

Project Description

Funding will be used to complete Habitat Limiting Factors reports in nine Water Resource Inventory Areas, as identified in the Budget, Exhibit B.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1351	WA IAC	Renton Lions Club	Lions Club Spawning/Rearing Channel	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Watershed and Sub-basin Planning and Assessment	\$26,889.00	\$0.00	Puget Sound

Project Description

The project site is a remnant sidechannel located at river mile 11.8 on the Cedar River. The purpose of the project is to design a spawning/rearing channel that will address the lack of floodplain connection and the lack of riparian habitat along the river. The end result will provide approximately 3,500 m² of habitat for chinook, coho, steelhead, and sockeye. Both loss of channel complexity/connectivity and degradation of riparian habitat were identified as probable factors of decline by the WRIA 8 Technical Committee's Reconnaissance Assessment. The project will assess the feasibility of and produce design plans and a cost estimate for a spawning/rearing channel on the Renton Lions Club property. It is important to start this project now because there is currently strong community support to do so. Also, there is tremendous potential for educational opportunities with over 5000 kids participating in camp activities last year. Recent studies have shown that lack of rearing habitat is likely a primary limiting factor for Cedar River chinook and might explain why chinook juveniles are rearing in Lake Washington instead of in the river itself. Currently, the primary salmonid recovery action in the Cedar Basin has been protection/acquisition of high quality habitat. By designing plans for an on-the-ground restoration project, this project complements the dominant salmonid recovery strategy in the basin as well as begins a necessary next step to recovery.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1378	WA IAC	Lower Columbia Fish Recov Bd	Lower Columbia Strategy Planning Grant	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	09-FEB-02 -	Watershed and Sub-basin Planning and Assessment	\$360,000.00	\$0.00	Washington - Statewide

Project Description

The Lower Columbia Fish Recovery Board will develop a comprehensive, science-based recovery plan for the Lower Columbia region. Recovery planning requires identifying recovery goals, factors limiting recovery and organizing the important public policy discussions that will guide specific actions.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1386	WA IAC	Skagit Fish Enhancement Group	Lower Day Creek Feasibility Study	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$102,850.00	\$0.00	Puget Sound

Project Description

This study will examine the historical floodplain, alluvial fan & low gradient portions of Day Creek & Day Slough between Skagit River miles 32.5-37. It will reconstruct the historic floodplain & channel system in terms of overflow channels, stream network & habitat. A second layer will study what natural processes have been disrupted which may have degraded conditions within the study area. Processes which will be looked at include hydrology, sedimentation & hydromodification. A GIS map will be produced depicting where habitat functions have been degraded and where the potential to protect and restore habitats exist. The USFS compiled a watershed analysis for the lower Skagit (1999) which includes the proposed study area. The analysis identifies the study area as a highly degraded, yet highly important area for salmonids. The analysis specifically identifies a need for restoration and protection work in the area. The study area was once an incredibly productive aquatic environment and contains both degraded spawning and rearing habitat. Restoration and protection options that are identified as a result of this study could greatly enhance the production of salmonids in the lower Skagit. All species of salmonids are known to exist in the study area. Chinook and steelhead would greatly benefit from creek restoration efforts, while rearing coho and spawning pink and chum would greatly benefit from slough restoration.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1331	WA IAC	Bellingham City of	Middle Fork Nooksack Fish Ladder-Design	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$531,250.00	\$0.00	Puget Sound

Project Description

Middle Fork Nooksack River ladder design will develop detailed construction design plans and cost estimates for the preferred ladder alternative from among the conceptual alternatives proposed (NHC 2001). The Middle Fork diversion dam is located at river mile (RM) 7.2 and was built under permit about 1960 without fish passage provisions. A ladder would restore anadromous use to 10.1 miles of river (RM 7.2 to 17.3, with avg. gradient about 3.3% and at least 6.3 miles of tributary habitat. The mainstem to RM 16.2 is suitable habitat for steelhead and chinook (STS 1994). Habitat to RM 17.3 is expected to support anadromous bull trout, as reproductively isolated bull trout still exist to RM 17.3 and in numerous tributaries (WDFW 1998). An ongoing Nooksack Tribe assessment using WDFW (2000) guidelines determined the 6.3 miles of accessible tributary habitat, including 4.43 miles in the Clearwater drainage. Additional habitat may exist in streams not yet field verified. Native chinook, bull trout, steelhead, and pink salmon have been observed jumping at the dam over the past decade, and anecdotal reports also include former coho use (Currence 2000). Once laddered, about 20% of the former habitat available to North Fork Nooksack spring chinook will be reconnected (Currence 2000). Detailed ladder plans and costs are critical for securing funds and permits. Construction will optimally occur in association with the City's replacing diversion screens and dam maintenance.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1414	WA IAC	Pierce Co Conservation Dist	Nisqually Basin Riparian Conditions Inv	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Watershed and Sub-basin Planning and Assessment	\$73,385.00	\$0.00	Puget Sound

Project Description

Data gaps exist regarding riparian conditions in the anadromous portion of the Nisqually Basin. Although information regarding riparian conditions for part of the basin has been collected, sources are scattered and not available for comprehensive review. This project will allow the purchase of complete, detailed aerial photographs for the anadromous portion of the Nisqually Basin in Pierce and Thurston Counties. In addition to complete aerial photographs, the project will deliver a complete GIS layer of riparian conditions to the Nisqually Indian Tribe to be used for future project selection and development. This project is identified as a high priority in the Nisqually Chinook Recovery Plan, as Objective 1.2.3, and as Action Items 1.2.3.1, 1.2.3.2, & 1.2.3.3. Completion of this objective will lead to project selection and planning that will benefit Nisqually fall chinook, coho, and pink salmon, as well as cutthroat and steelhead trout. This project is specifically identified in the Limiting Factors Analysis for the Nisqually Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1275	WA IAC	Whatcom Land Trust	Nooksack Conservation Assessment	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$52,460.00	\$0.00	Puget Sound

Project Description

Nooksack Conservation Assessment is an inventory of landowners who own functioning salmon habitat in the Nooksack River watershed in order to compile a comprehensive project list of acquisition properties for salmon recovery. This project will: 1) identify functioning habitat segments of the Nooksack and Drayton Harbor watersheds; 2) contact corresponding landowners; 3) survey landowner interest in selling the underlying fee or a conservation easement over identified habitats, and; 4) secure preliminary commitments from willing landowners. The project will utilize existing information and local expert knowledge regarding location of functioning salmon habitats along the Nooksack River. Whatcom Land Trust staff will compile existing habitat data and locate functioning habitats in the two basins. Those habitats will be mapped and prioritized according to the WRIA #1 Recovery Strategy priorities, which focuses on protecting properly functioning habitats and maintaining natural landscape forming processes. The property owners with functioning habitats will then be identified. Whatcom Land Trust staff will contact identified landowners to determine each owner's willingness to participate in a conservation sale of either the fee interest or a conservation easement over the habitat elements located on their property. Agreeable landowners will be asked to make preliminary commitments that will form the basis of subsequent SRFB acquisition grants.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1340	WA IAC	Lummi Indian Nation	Nooksack Estuary Habitat Assessment	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-02 -	Watershed and Sub-basin Planning and Assessment	\$265,500.00	\$0.00	Puget Sound

Project Description

The proposed Nooksack River Estuary Habitat Assessment will collect baseline data for understanding salmon habitat limiting factors and restoration opportunities in the Nooksack River Estuary. The Nooksack Estuary is defined as the tidally influenced zone within the fluvial system and the near-shore area immediately adjacent to the river delta. The estuary area for this assessment will include all aquatic habitat downstream of Ferndale, WA including the Nooksack and Lummi River distributaries. The near-shore area will extend from Sandy Point in the north to Squalicum Creek in the south. The assessment will be staged in two successive phases focusing on three types of questions. Stage One will describe the current conditions of the aquatic habitat in the Nooksack estuary; Stage Two will assess the causes for the conditions and will focus on assessing habitat-forming processes (Joint Natural Resources Cabinet 2001). The assessment will characterize several ecosystem components including hydrologic conditions, geomorphic conditions, vegetation and land-use patterns and water quality conditions. It will also present possible restoration opportunities to restore natural habitat-forming processes to this critical salmonid habitat resource area. This assessment will be closely coordinated with a proposal by the Nooksack Tribe to assess near-shore habitat conditions and a Lummi Natural Resources juvenile salmonid habitat association, distribution and abundance assessment.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1391	WA IAC	South Puget Sound SEG	Off-Channel Habitat Survey and Design	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	03-MAY-02 -	Watershed and Sub-basin Planning and Assessment	\$148,437.00	\$0.00	Puget Sound

Project Description

The goals of this project are to: 1. Inventory existing off-channel habitat. 2. Assess sites with a potential to be restored or preserved. 3. Produce a landowner parcel specific prioritized list of sites with restoration or preservation potential. 4. Incorporate the list into the Salmon and Steelhead Habitat Inventory and Assessment Program (SSHIAP) database. 5. Contract an engineer to create 30% design concepts for the top restoration sites where landowner permission has been secured. The Nisqually Chinook Recovery Plan and the Salmon and Steelhead Habitat Limiting Factors Report identified problems with off-channel habitat abundance in some reaches of the mainstem Nisqually River, the Mashel River and Ohop Creek and recommended actions to evaluate current, historic and potential creation of off-channel habitat. The specific areas to be assessed will be prioritized based on the recommendations of these reports and on consultations with area fish biologists. The general area to be inventoried includes the mainstem Nisqually River (miles 2.0 - 40.8) and the lower sections of two of its major tributaries; Ohop Creek and the Mashel River. These areas have high fish usage and known problems with lack of off-channel habitat, so they are areas that should be inventoried and assessed for restoration and/or preservation as soon as possible. A separate assessment of other lower priority tributaries to the Nisqually River is planned in the future.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1437	WA IAC	Pierce Co Conservation Dist	Ohop Restoration Assessment Phase II	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$278,800.00	Puget Sound

Project Description

The Ohop Restoration Assessment, Phase II will assess landowner interest in restoration of a degraded (but strategically important) riparian zone. This will be a high visibility assessment, leading to a showcase restoration project for the Nisqually Basin. Through most of this reach there is insufficient natural vegetation to ensure properly functioning riparian processes. In addition, the channelized nature of the creek is expected to lead to future channel degradation up and downstream of the degraded portion. Lower Ohop Creek contains over eighty property owners; most of these have no legal responsibility to restore healthy riparian systems on their properties. A restoration plan will require an intensive, focused process, to identify factors leading to community stewardship for the creek. This project will use state of the art social science techniques to achieve community consensus for restoration efforts. Deliverables will include project design for the restoration of functioning riparian habitat, and signed letters of intent by key property owners to participate in the project. This project is identified as a high priority in the Nisqually Chinook Recovery Plan, as Action Item 1.2.2.1. The protection and restoration of Lower Ohop Creek will benefit Nisqually fall chinook, coho, and pink salmon, as well as cutthroat and steelhead trout. This project is specifically identified in the Limiting Factors Analysis for the Nisqually Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1390	WA IAC	Colville Confederated Tribes	Okanogan River System Thermal Imaging	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Watershed and Sub-basin Planning and Assessment	\$84,750.00	\$0.00	Upper Columbia

Project Description

The Okanogan River (WRIA 48) system is currently listed as a 303(d) stream due to water temperature exceedances. The Okanogan is inhabited by steelhead (ESA Endangered), bull trout (ESA Threatened), sockeye, and summer/fall chinook. Spring Chinook and Coho are considered to be extirpated from the basin. The Limiting Factors Analysis (SRFB) and the Okanogan Subbasin Summary (NWPPC) both list water temperatures as a factor limiting salmonid production. Determination of thermal input sources is a necessary precursor to corrective action. This project will employ Forward Looking Infra-Red (FLIR) thermal imaging technology to collect water temperature information which, along with densimetry, riparian vegetation, stream flow, climate, and stream channel width-to-depth ratio data, will be incorporated into a Stream Segment Temperature Model (SSTEMP) to assess thermal input sources and potential corrective measures. This project will include in-kind cost sharing and participation with a coordinated group of state, federal, and tribal entities.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1234	WA IAC	Pacific Conservation District	Pacific County Culvert Assessment Projec	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	16-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$161,000.00	\$0.00	Washington Coastal

Project Description

Fish passage barriers have made it virtually impossible for fish species to utilize some of the best spawning and rearing habitat available. Replacing stream crossing barriers such as culverts have come to the fore front in reconnecting a variety of aquatic life with natural habitat. Replacing fish passage barriers allows fish and other aquatic life to utilize habitat that previously could not be reached. In 1998 the Pacific Conservation District completed a culvert inventory of all stream crossings on Pacific County right-of-ways. Out of the inventory that was completed 18 stream crossings were passable, 97 need level B analysis, and 98 were listed as barriers. This project is a comprehensive assessment that will assist the lead entity in strategy development and addresses a limiting factor data gap. The PCD proposes to inventory and prioritize private landowner barriers in WRIA 24 and prioritize Pacific County right-of-way stream crossings for future barrier replacement projects. All culverts assessed will be given a priority index number for prioritization. The Pacific Conservation District will utilize its existing barrier database to organize data such as location, physical measurements and barrier status. GPS data will be collected and used to generate GIS maps of location and barrier status. GIS data and information will be integrated into SSHIAP and the WDFW fish passage barrier database. This project will ensure that culverts are replaced in order of prioritization.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1306	WA IAC	Pend Oreille Conservation Dist	Pend Oreille Barrier Survey	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-02 -	Watershed and Sub-basin Planning and Assessment	\$221,000.00	\$0.00	Pend Oreille

Project Description

This project will identify fish passage barriers, utilize priority habitat indexing (to quantify available habitat and its quality), provide fish species composition & densities above & below barriers, & rank barriers for correction (using WDFW Priority Indexing). This is a cooperative project between the Pend Oreille Conservation District & the Kalispel Tribe, assessing 200+ miles of stream within the Pend Oreille (PO) Watershed, excluding federal lands. The Forest Service is currently doing a culvert inventory & we will coordinate with to the extent possible. (see attached land ownership map). The project will begin at the Canadian border & assess streams on private lands, from their confluence, down the PO River corridor to at least Lone and further if funds allow. No survey of this type has been completed on private lands in the PO Watershed. This project will help identify & prioritize future native fish restoration projects that address fish passage problems. The project will take approximately two years of fieldwork to complete. After the first year the results will be reviewed & evaluated and adaptive management employed to correct any deficiencies. Survey data will be entered into a database & integrated into the WDFW fish passage barrier database. After prioritization is complete the top five projects from the list will have preliminary design work completed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1338	WA IAC	The Nature Conservancy	Port Susan Bay Acq. & Restoration Assess	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$482,675.00	Puget Sound

Project Description

This project will permanently protect 3,962 acres of estuarine wetlands and 160 acres of diked uplands in Port Susan Bay, Snohomish Co., WA. The estuary provides spawning and rearing habitat for multiple salmonids including the federal and state threatened chinook salmon and candidate coho salmon. A restoration technical feasibility assessment will be completed. The goal is to design, engineer, and commit to appropriate future restoration actions consistent with watershed planning efforts and in cooperation with public lands and private partners. Loss of estuarine salt marsh and tidal channels has significantly reduced the quantity and quality of juvenile and adult salmonid habitat. The property is the largest block of private tidal and estuarine wetland habitat in the Puget Sound. It is actively threatened with residential, commercial and recreational development, and Spartina. With so little coastal wetland habitat remaining, the proposed acquisition is essential for preserving biodiversity, aiding in species recovery and enhancing natural ecosystem processes. The project will address several recovery actions for the federally listed Chinook and other salmonids: 1) acquisition of sites with restoration potential 2) restoration of degraded estuarine habitat conditions preferred by juvenile chinook 3) potential restoration of sites where dike removal could enhance habitat forming processes and 4) studies that lead to development of priority future restoration projects.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1360	WA IAC	Skagit System Cooperative	Prairie Creek Assessment & Feasibility	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$41,523.00	\$0.00	Puget Sound

Project Description

This study will examine the alluvial fan and floodplain reaches of the Prairie Creek Drainage, which is located in the Sauk Prairie WAU of the Skagit River basin. The study will develop 4-7 clearly defined restoration project conceptual alternatives that remove or minimize disturbances that have altered watershed processes, and degraded habitat conditions in these reaches. The selected reaches were targeted because of these identified disturbances to watershed processes along the alluvial fan - floodplain interface, along with the potential for highly productive salmonid habitat upon restoration. The need for this study has been determined through habitat data collection that has identified: 1) That alluvial fans and associated floodplain wetlands are potentially very productive salmonid habitats, 2) That there are significant disturbances at this site, and 3) That eliminating these disturbances will require complex restoration actions. Current habitat conditions in the study reaches, which are closely associated with adjacent key habitats, appear to be simplified as a result of anthropogenic disturbance. Channels are steepened, shortened, and disconnected from the surrounding alluvial fan and floodplain. Removal of disturbances and restoration of watershed processes at the site could potentially restore channel forming processes, hydrology and sediment delivery, increasing channel complexity and floodplain connectivity. Thus, significant gains in salmon production potential could be realized.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-1018	WA IAC	Puget Sound Salmon Forum	PS Shared Strategy Planning Grant	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	09-FEB-02 -	Watershed and Sub-basin Planning and Assessment	\$912,378.00	\$0.00	Washington - Statewide

Project Description

The Puget Sound Salmon Forum non-profit was organized to develop a comprehensive, science-based recovery plan for Puget Sound. Recovery planning requires identifying recovery goals, factors limiting recovery and organizing the important public policy discussions that will guide specific actions. This initial contract will provide funding for: staff, office space and equipment; development of a draft workplan; provide a quarterly report; draft an outline of a recovery plan and initial background sections; complete an assessment model of current actions; develop an integration approach for lead entities and planning units; develop planning targets for Chinook populations; facilitate technical support from federal, state, and tribes to local groups; and develop criteria for recovery at the regional scale.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1163	WA IAC	National Fish & Wildlife Found	Regional Fish Enhancement Grps 2002	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$700,000.00	Washington - Statewide

Project Description

The NFWF will administer grants to the 14 Washington regional fisheries enhancement groups (RFEGs) using SRFB and NFWF funds. The purpose of the grants is to provide RFEGs with funding to accomplish activities that would otherwise not be possible due to the loss of FFY03 federal funding.

Project Ref	Grantee	Subgrantee	Project Name	State
02-1202	WA IAC	Fish & Wildlife Dept of	Salmonid Smolt Production Monitoring	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-JAN-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$1,100,000.00	Washington - Statewide

Project Description

This project will focus on three primary elements: 1. Sample smolt production from nine key watersheds throughout the state using specialized stationary or floating trapping devices that capture migrating smolts. In some watersheds smolts are coded-wire-tagged to measure marine survival, distribution and harvest. 2. Data from sampling smolt production will be analyzed to estimate smolt production from each watershed. Data and estimates will be compiled in long-term data bases to allow assessment of inter-annual variation with natural and human caused affects. 3 Results from the analysis will be provided in reports, the Salmon Recovery Scorecard, and the Salmonid Stock Inventory. In addition to assessing stock status/watershed health, some of these estimates are incorporated in fish management processes such as forecasting future run sizes and designing fishing seasons.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1402	WA IAC	North Olympic Salmon Coalition	Salt Creek Habitat Project Assessment	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	31-MAY-02 -	Watershed and Sub-basin Planning and Assessment	\$101,000.00	\$0.00	Puget Sound

Project Description

Through the project elements of habitat survey, analysis, activity list prioritization, landowner contract, and concept development, the partners and the community will address the issues of habitat restoration and protection on a watershed scale. This assessment is clearly identified in the WRIA 19 Limiting Factors Analysis as needed for all watersheds. Salt Creek is one of the few Tier 1 watersheds without a completed Priority Activities and Concepts List per the NOBLE Strategy. The habitat survey will address a variety of LF noted across WRIA 19 while focusing on the specific needs of the Tier 1 Salt Creek watershed for habitat protection and restoration. Providing a comprehensive approach to recovery of physical and biological processes necessary for properly functioning salmon habitat in a formal biological and physical context will greatly enhance project partners' (including Tribal, RFEG, WDFW and Conservation District) efforts to design, fund and implement restoration and protection projects on a watershed scale. The project addresses needs of the wild coho stock while addressing habitat loss for cutthroat, chum and steelhead. The project's outreach efforts will help establish a sense of watershed stewardship among landowners and residents in the Salt Creek system.

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1342	WA IAC	Asotin Co Conservation Dist	Snake River Strategy Planning Grant	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$300,000.00	\$0.00	Washington - Statewide

Project Description

The Snake River Salmon Recovery Board will develop a comprehensive, science-based recovery plan for the Snake River region. Recovery planning requires identifying recovery goals, factors limiting recovery and organizing the important public policy discussions that will guide specific actions.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1404	WA IAC	Cascade Land Conservancy	South Creek Prairie Action Plan	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-APR-02 - 10-JUN-03	Watershed and Sub-basin Planning and Assessment	\$16,595.00	\$0.00	Puget Sound

Project Description

South Prairie Creek, the primary tributary to the Carbon River, is the backbone of natural salmonid production in the Lower Carbon River subbasin and Puyallup Watershed. S. Prairie Creek produces nearly half of all the wild steelhead in the Puyallup River system, has the only significant run of pink salmon and enjoys healthy returns of Chinook, Coho and Chum salmon and sea-run cutthroat trout. This subbasin has been targeted for habitat protection measures within the regulatory arena. However, despite a recent PC study ranking this area #1 for habitat protection in the County, little work has been done to identify habitat protection and restoration opportunities. The proposed S. Prairie Creek Action Plan will analyze creekside properties and develop a priority habitat protection list. Using GIS and existing studies (such as those by WWC, TPL, SSHIAP, EDT), properties will be ranked based on quality of existing habitat and restoration opportunity. After the ranking, property owners will be contacted and presented with protection options including Acquisition, Conservation Easements, PBRs, etc. to determine their willingness. The final ranking will combine "willing sellers" and the prioritized habitat properties. The Action Plan will be a guide to habitat protection along S. Prairie Creek and will include GIS maps and a summary detailing benefits and opportunities. Following completion of the Plan, CLC will seek funding to acquire the highest priority properties.

Project Ref	Grantee	Subgrantee	Project Name	State
01-1250	WA IAC	Thurston Regional Plng Council	Thurston Co Nearshore Assess of Forage	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Watershed and Sub-basin Planning and Assessment	\$179,530.00	\$0.00	Puget Sound

Project Description

Nearshore areas provide essential ecological functions necessary for salmon survival including food, refuge, and a metabolic transition zone. However, shoreline development continues to significantly degrade the function of the South Puget Sound nearshore zone at a relatively rapid rate. This project will identify where shoreline armoring (e.g. bulkheading) has affected geomorphic processes that support the intertidal biota upon which salmonids depend. Information from this project will be used to provide directives for future land acquisition and shoreline restoration. It will also provide the technical basis for local government planners contemplating proposed shoreline development projects. The project will encompass 117 miles of Thurston County's Puget Sound shoreline, 70% of which are in WRIA 13 (Deschutes). Targeted salmonid species include coho, Chinook, chum, cutthroat, steelhead, and bull trout. Thurston Regional Planning Council (TRPC) will manage this project for three other partners in cooperation with various state and Tribal entities. Project activities will be divided into four phases: 1) Fill data gaps in a county-wide marine bulkhead inventory, 2) have WDFW update the forage fish surveys of sand lance and surf smelt, 3) Determine the future sediment supply by drift cell based on historic upland development patterns, and 4) Classify beach habitats for restoration, acquisition or production by utilizing a GIS database.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1020	WA IAC	North Central WA RC&D	Upper Columbia Strategy Planning Grant	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	08-FEB-02 -	Watershed and Sub-basin Planning and Assessment	\$435,070.00	\$0.00	Washington - Statewide

Project Description

The Upper Columbia Salmon Recovery Office will develop a comprehensive, science-based recovery plan for the Upper Columbia region. Recovery planning requires identifying recovery goals, factors limiting recovery and organizing the important public policy discussions that will guide specific actions. This initial contract will provide funding for: staff, office space and equipment; development of a draft workplan; provide a quarterly report; develop an oversight committee operations handbook, develop board bylaws, develop a biological strategy and develop a regional monitoring strategy.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1274	WA IAC	Quinalt Indian Nation	Upper Quinalt River Geomorphic Reach	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$165,633.00	\$0.00	Washington Coastal

Project Description

The goal of this study is to provide Quinalt River management agencies and landowners with information about the physical processes, human impacts to natural processes, and a prioritized project list for protection and restoration of salmon spawning and rearing habitats. The Quinalt River reach between its Lake Quinalt inlet upstream to the confluence of Graves Creek will be studied to determine the primary physical processes that govern the system and which processes have been influenced by human activities. These physical processes have an influence on the spawning and rearing habitats for anadromous and resident fish species. This study will build upon the Quinalt Watershed Analysis (Quinalt Indian Nation and USDA, Forest Service, Olympic National Forest, 1999). Results from this study will provide information that will be useful to resource managers for fish habitat restoration, including a prioritized list of restoration projects. Study results will be freely shared with all interested parties, and projects appropriate for future SRFB grants will be identified. Geomorphic mapping, river hydrologic characterization, and sediment and LWD budget analysis will describe physical processes related to the following specific topics: - The linkage between sediment supply, riverbed aggradation, and bank erosion - Predictions of future trends channel stability - The effects of bank protection - Limitations and opportunities for restoration -Alternate management actions related to roads, infrastructure, and property.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1369	WA IAC	The Nature Conservancy	Upper Skagit Assessment/Acquisition	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$892,500.00	\$0.00	Puget Sound

Project Description
<p>This project is designed to implement a portion of the Skagit Watershed Council's Restoration and Protection Strategy by systematically identifying and protecting the highest priority salmon habitat in the Upper Skagit. It is an extension of a previous assessment undertaken by the Skagit Land Trust (SLT) and funded by the SRFB, which focused on the middle Skagit River. The objectives are to: 1) provide reach level and parcel specific information on the most important areas for protection of salmon habitat within priority reaches; 2) prioritize parcels based on their habitat value for salmonids, imminent and long-term threats, and priority restoration needs; 3) assess landowner interest in engaging in conservation action; and 4) pending landowner interest, acquire riparian and floodplain habitat. Acquired properties will be maintained under Conservancy ownership and managed as part of our Skagit River Bald Eagle Natural Area (SRBENA). The SRBENA is comprised of over 8000 acres owned by 9 different agencies/organizations, including WDFW, USFS, DNR, State Parks, Seattle City Light, and SLT. The work products will include: 1) a prioritized list of parcels and associated map products; 2) assessment of landowner's willingness to sell; 3) negotiated purchase and sale agreements; and 4) restoration plans. Up to \$1,000,000 in riparian/floodplain salmon habitat will be acquired and permanently protected. Identified restoration activities will occur as needed with additional funding.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
02-1264	WA IAC	Ecology Dept of	Water Quality Monitoring	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$162,627.00	Washington - Statewide

Project Description
<p>Ecology will monitor water quality, stream flow, water temperature, and benthic macroinvertebrate communities in five watersheds: Big Beef Creek (Hood Canal), Bingham Creek (Satsop River), Cedar Creek (Lewis River), Chiwawa River (Wenatchee basin), and Deschutes River (south Puget Sound). The goal of the monitoring program is to develop a long-term salmon recovery scorecard indicator that could help relate water quality factors to salmon production in these index watersheds. Monitored parameters include dissolved oxygen, turbidity, total suspended solids, fecal coliform bacteria, ammonia-nitrogen, nitrate-nitrogen, total nitrogen, total phosphorus, soluble reactive phosphorus, hardness, dissolved metals (copper and zinc), pH, conductivity, continuous water temperature, continuous stream flow, and benthic macroinvertebrate community structure (as a biological indicator of watershed health).</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1240	WA IAC	South Puget Sound SEG	WRIA 13 Fish Passage Inventory	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 -	Watershed and Sub-basin Planning and Assessment	\$92,605.00	\$0.00	Puget Sound

Project Description

This project will inventory fish passage structures and assess habitat in order to obtain priority index numbers for the prioritization of fish passage barriers on anadromous streams in WRIA 13. South Puget Sound Salmon Enhancement Group (SPSSEG) will incorporate data from previous fish passage inventories with new data to create a WRIA 13 Fish Passage Inventory Database. SPSSEG will use its existing barrier database to organize location information, physical measurements, barrier status, digital site photos, and prioritization info. GPS data will be collected and used to generate GIS maps showing site locations and barrier status of culverts. This project will build upon a WDFW and Thurston County Inventory of state and county roads completed in 1997. Private culverts will primarily be targeted but initially missed using WDFW protocol to determine the barrier status of culverts. All data will be exported to WDFW and SSHIAP. The inventory data will be made available to other interested parties via the SPSSEG web site or CD-ROM. SPSSEG is currently conducting a culvert inventory in WRIA 14 (North Thurston and Mason County). Similar fish passage inventories have been completed in Pierce, Nisqually, and Puyallup watersheds. Completion of the WRIA 13 Fish Passage Inventory will provide the South Puget Sound Region with a complete overview and prioritization of salmon migration barriers.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1795	WA IAC	Lummi Indian Nation	Acme to Saxon Reach Assessment	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Watershed and Sub-basin Planning and Assessment	\$82,860.00	\$0.00	Puget Sound

Project Description

The Saxon to Acme reach assessment will provide the baseline level of habitat, geomorphic and hydrologic data needed to begin riparian, off-channel and in-stream restoration project design. The assessment should also provide the baseline data necessary for beginning a monitoring plan on the projects designed. This assessment can be seen as a key component in an overall restoration project planning strategy. It will incorporate an initial inventory and analysis of habitat, consistent with the on-going Salmon Recovery Plan. Based on the results of the inventory and assessment, sites for restoration activities will be identified. This will make it more likely that projects will interact positively and further restoration goals; rather than conflict with each other. It will allow the strategic timing and implementation of restoration projects throughout the reach. The Saxon-to-Acme Reach is located between River Mile 8.5 and 13 on the South Fork Nooksack River. This reach has been a focus of land acquisition and conservation efforts by Whatcom County and the Whatcom Land Trust resulting in 782 acres of parks and conservation easements.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1724	WA IAC	Skagit Watershed Council	Assessing the Willingness of Landowners	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-01 -	Watershed and Sub-basin Planning and Assessment	\$69,150.00	\$0.00	Puget Sound

Project Description

In this project we will use the tools of social research in as effective a manner as we have used those of biology, hydrology and geomorphology. By means of focus groups, polling and targeted outreach we will acquire the baseline information on landowner and community attitudes, perceptions and needs. From this information we will develop a list of landowners willing to conduct a protection or restoration project on their property, the appropriate communication strategies for our community and the other tools needed to best engage those we must win over. Voluntary salmon restoration and protection efforts will succeed only to the extent we are able to build widespread support and a solid base of participants. In the habitat arena, appreciable beneficial gains for salmon can only be made if there is widespread willingness on the part of landowners to get engaged, to participate and to allow access to their lands for restoration and/or protection purposes. This project will help us answer the question "what is it going to take?" to get the support we need. This project is the next logical step for the Skagit Watershed Council. We chose to first develop the biological/physical aspects of our Strategy, all the while acknowledging that the "people" side of the equation - willing landowners and an informed, supportive community - was of equal importance, and the task to be tackled next.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1678	WA IAC	Pacific Watershed Institute	Assessment Twisp River Watershed	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 - 03-JUN-03	Watershed and Sub-basin Planning and Assessment	\$157,782.00	\$0.00	Upper Columbia

Project Description

PWI proposes to complete an assessment of the Twisp River Watershed that leads to development of a salmonid protection and restoration strategy with prioritized restoration activities. PWI's method uses reconstruction of watershed function through analysis of changes in geomorphic, hydrologic and biological elements. The goal is to identify and prioritize key habitat areas and watershed processes for protection and restoration. The Twisp River is a major tributary to the Methow River (Figure 1). The Twisp supports 20-30% of the endangered Spring Chinook population in the Methow. It also supports endangered summer steelhead, and cutthroat trout and is a stronghold for bulltrout. Past assessment and restoration activities in the Chewuch have generated community and agency support for similar focused efforts in other sub-watersheds. The community and Methow Limiting Factors Analysis identified the Twisp River watershed as a high priority area. The Okanogan National Forest completed a watershed analysis, but it does not completely cover private lands in the lower mainstem and tributaries where agricultural and developmental pressures are affecting aquatic habitat conditions. The lower Twisp is listed as water quality impaired for temperature and instream flow. The outcomes and benefits of this assessment, based on protocols successfully applied in the Chewuch, will be integrated, appropriate, and effective restoration strategies and priorities for the entire watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1395	WA IAC	Okanogan Co Conservation Dist	Beaver Cr Coordinated Resource Mgt Plan	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$68,464.00	\$0.00	Upper Columbia

Project Description
<p>The Coordinated Resource Management Plan is a planning tool that helps landowners and governing agencies identify and hopefully solve problems before they become a crisis, by bringing the effected parties to the table and discussing options and potential solutions. The CRMP process will be used to look at water issues on Private land with willing participants in the Beaver Cr. drainage of the Methow Valley. Currently any discussions revolving around water in the Methow Valley are very contentious and neighbors in the community are strongly divided as to how to proceed. This CRMP will hopefully ease fears and allow future recovery projects that would be identified in the planning process to move forward smoothly. Although this process is not listed in any Salmon Recovery Strategy or Technical Teams Priority Considerations it is supported by the local WDFW Watershed Steward, WDFW Habitat Biologist, Colville Confederated Tribes, Natural Resource Conservation Service and the DOE. The plan will ultimately provide recommendations for methods of water conservation along with a list of potential future recovery projects.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
00-1679	WA IAC	Chewuch Canal/Fulton Ditch Co	Chewuch Canal & Fulton Canal Joint Study	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-MAR-01 - 04-FEB-03	Watershed and Sub-basin Planning and Assessment	\$52,235.00	\$0.00	Upper Columbia

Project Description
<p>The Chewuch Canal Company and Fulton Canal in a joint cooperative effort are requesting funding to hire a consultant to develop a Feasibility Study. This study will develop and prioritize cost effective alternatives to improve fish habitat by conserving agricultural water throughout the canal system as well as improvement to fish passage. The Canals divert water from the Chewuch River, a major tributary of the Methow River (WRIA 48). The Chewuch River has been identified as an important habitat, by NMFS and WDFW, for three listed species: the endangered Spring Chinook Salmon, Upper Columbia Steelhead and the threatened Bull Trout. In an effort to comply with the biological needs of fish, the Canals have already taken steps to improve fish habitat including; replacement of two fish screens to the most recent NMFS fish screening standards and installed canal diversion meters to compile accurate water usage information. In addition Fulton has lined 2,000 ft of the unlined canal to improve irrigation efficiency and reduce seepage loss. These measures have already reduced water diversion from the Chewuch River. In the continuing effort to provide enhanced instream flows for endangered fish, the Canals believe the proposed engineering study, which is a phase 1 of a 3 phase project (phase 2- implementation, 3-monitoring), would further enhance biological needs of fish while at the same time protect water rights and water delivery to our shareholders.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1796	WA IAC	Nooksack Indian Tribe	Chinook Rearing Habitat Assessment	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$245,625.00	Puget Sound

Project Description					
<p>The purpose of this project is to conduct an inventory and assessment of freshwater rearing habitat for Nooksack native chinook, using a combination of watershed-scale remote mapping and field-based subsampling to characterize habitat and sample for rearing juveniles to quantify use. Assessment of rearing habitat represents one of the most critical data gaps in the Nooksack River watershed. Evidence indicates South Fork Nooksack Chinook predominantly outmigrate as yearlings, but rearing locations are unknown, and restoration projects targeting the critical juvenile rearing live history stage must rely upon best expert opinion. Potential habitat types in the mainstem and floodplain will be mapped. Sites in low-gradient, unconfined reaches on the South Fork and mainstem will be selected using a stratified random sampling scheme. At each site, habitat will be characterized and fish sampled using appropriate methods. Since movement among different habitat types is expected for juvenile salmonids rearing through the winter, both the post-emergence to oversummer and the overwinter rearing periods will be characterized. The time frame of January 2001-December 2002 encompasses two oversummer and one overwinter rearing period. While sampling effort should be expanded and continued in future years, data will be used in preliminary quantitative limiting factors analysis to strategically guide restoration efforts in the near-term.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1793	WA IAC	Nooksack Indian Tribe	Chinook Spawning-Incubation Assessment	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$334,375.00	Puget Sound

Project Description					
<p>This project will quantify factors limiting spawning and incubation success of North and South Fork Nooksack chinook, including spawning gravel size, fine sediment levels, and vertical and lateral channel instability. Sites will be selected throughout the spawning distribution of the two stocks (North, Middle and South Forks Nooksack River) based on geomorphic reach stratification, but current and historic chinook spawning locations will be considered. McNeil coring of potential spawning sites will yield estimates of spawning gravel size, as well as proportions of size fractions limiting incubation success and emergence. Scour chains and adjacent channel cross sections will be surveyed periodically throughout the incubation period to quantify vertical instability (bedload movement, scour/fill). Concurrent monitoring of channel thalweg & water levels relative to redd locations will enable semiquantitative estimates of lateral instability. Study design & specific sampling methodologies will be finalized in consultation with NWIFC, WDFW, and Lummi Natural Resources to ensure statistical rigor and applicability of results. Mortality associated with different factors affecting spawning and incubation success will be estimated, providing data that can both strategically guide restoration activities and contribute to comprehensive analysis of freshwater limiting factors. The study period will be from May 2001 to December 2003, encompassing 2001 and 2002 brood years.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1758	WA IAC	Chelan Co Conservation Dist	Collaborative-Integrative Entiat Water	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$127,500.00	\$0.00	Upper Columbia

Project Description

In eastern Washington, instream flows are of paramount importance shaping habitat quantity and quality. Threatened and endangered salmonids require certain depth, velocity, temperature, substrate cover, channel morphology and other instream attributes to live and thrive. However, intense competition for scarce water places instream and out-of-stream needs at odds. The Collaborative-Integrative Entiat Watershed Instream Flow Project merges the scoping, analysis, negotiation, and adoption of instream flow and habitat management regimes that address micro-, meso-, and macro-habitat attributes while also addressing out-of-stream needs. The Entiat Planning Unit (EPU) is comprised of citizens, Tribes, local, state and federal agencies and governments, and is working with others to implement this project. The project uses the entire Instream Flow Incremental Methodology (IFIM) to synthesize fish habitat analysis using the Physical Habitat Simulation System (PHABSIM) portion of IFIM conducted in 1992 (Caldwell and Beecher, 1995) with analysis of channel morphology and water quality attributes. The synthesized habitat values will be used to collaboratively develop alternative instream flow and habitat management regimes for implementation through the EPU process. Analysis will be conducted in water year 2001 to supplement existing assessments. Instream flow and habitat management alternatives will be developed in 2001 and 2002 for inclusion in the EPU Watershed Plan.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1913	WA IAC	Friends of the E F Lewis River	E F Lewis River Restoration Assessment	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-MAY-01 -	Watershed and Sub-basin Planning and Assessment	\$29,106.00	\$0.00	Lower Columbia

Project Description

Friends of the East Fork has been working on the development of a strategic reach-level river basin assessment of the EF Lewis River as well as evaluating the feasibility of completing such a restoration project with local landowner agreement. This project will produce an "on-the-ground" set of implementable plans and programs for the restoration of approximately 11 miles of main channel habitat in the EF Lewis R. The preliminary data surveys and analysis are done, as are the review of existing studies that relate to the area. We have identified a highly qualified river restoration group with a proven track record all over North America and they have agreed to do the field work (see below for detail of field work) and develop the strategic plan and river reach-level restoration prescriptions, which include wetlands as well as in-stream habitat.

Anticipated Outcome: Collaborate with land owners and others in promoting sustained watershed and stream stewardship. Plans to remedy and/or remove sources of water quality degradation. Plans for the prevention of further loss of flood plains and restore their proper function. Plans and methodology to restore stream channel complexity and reduce accelerated erosion and sedimentation. Plans for the restoration of fisheries habitat in the lower East Fork. Plans or alternatives for removing old dikes that impact the wetlands and lower flood plain. Plans and methodology for the restoration of 11 miles of main channel in-stream habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1808	WA IAC	North Olympic Salmon Coalition	East Jefferson County Forage Fish Study	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Watershed and Sub-basin Planning and Assessment	\$120,900.00	\$0.00	Puget Sound

Project Description

Sand lance and smelt spawning habitat will be mapped in East Jefferson Co. & some Hood Canal shorelines using standardized Pentilla/Moulton Forage Fish Assessment Protocols. Field sampling will be conducted by a fisheries biologist and trained volunteers. Lab analysis will be conducted by trained interns using standard methods. Many miles of beach have not been studied & those inventoried in the past need carefully planned follow-up sampling to determine population health over time. There is essentially no information available concerning the ecology of sand lance and surf smelt between the egg and adult life history stages though both species appear to have a "salmon-like" affinity for spawning sites. The first need is to identify all spawning beaches to protect their future. Baitfish spawning maps will be updated to include sampling results & with spawning sites mapped and related to habitat and nearshore ecology. This will include depiction of spawning habitat within the context of drift cells identifying sediment sources & accretion beaches. Maps of shoreline structures currently in preparation by Point No Point Treaty Council will help us identify problem areas & changes in beach conditions due to armoring or modification of feeder bluff dynamics in order to identify restoration project opportunities to improve potential spawning habitat. This is a two year study in partnership w/ Jefferson Co. MRC, US Navy, Alki Salmon Team, and others.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1745	WA IAC	Mount Vernon City of	Edgewater Park Off Channel Slough	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-MAR-01 - 07-AUG-02	Watershed and Sub-basin Planning and Assessment	\$42,490.00	\$0.00	Puget Sound

Project Description

The Edgewater Park site in the City of Mount Vernon is located on the west side of the river in the floodplain. The City wants to explore the feasibility of opening up the sloughs within the park, reconnecting them to the river, while modifying segments of the sloughs to function as naturally as possible. The objective of restoring this low, wet and wooded area has been met with widespread community support. At the park, the levee has been set back from the river, a unique condition. Historically, the south end of the park had been bisected by several off-channel sloughs. Over time, these sloughs have been partially filled at their north end. The remaining slough area (34 acres) act as a refuge for wildlife, and offer protection and shelter to salmon at various life stages during high water. A deposition gravel bar at the south end makes passage out of the sloughs difficult as the river recedes, causing stranding. The sloughs have also been modified by unauthorized ORV use. From Sedro-Woolley downstream, for over 22 miles, the natural processes of the river have been restrained between levees. The end result will be the re-emergence of historic landscape processes - a functioning off-channel slough system - a rare resource in the lower Skagit River. A resource of value to natural river functions, to various life stages of fish and to the community.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1085	WA IAC	Lower Elwha Klallam Tribe	Elwha ELJ Monitoring	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$350,000.00	Puget Sound

Project Description

In 1999, the Elwha Klallam Tribe was awarded two grants, under the SRFB - GSRO and the SRFB - IRT Early Action cycles, to construct several engineered logjams (ELJs) in the Elwha River. A third grant was awarded to the Tribe in 2000, under the SRFB - Early 2000 cycle, for floodplain restoration activities including the construction of additional ELJs. To date, seven (7) ELJs have been constructed and up to four (4) more are planned for construction in 2001. This project is designed to evaluate, through a five-year comprehensive monitoring program, the effects of engineered logjams (ELJs) on the physical habitat and biological response by Salmon in the Elwha River. The study will focus on changes in physical habitat, interactions with alluvial sediment and wood, as well as the associated biological response of juvenile and adult salmon. The Tribe will partner with scientists from the NMFS and USFWS to expand upon initial monitoring efforts begun by the Tribe in 1999. A detailed monitoring proposal is enclosed in the project file.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1753	WA IAC	Yakama Nation	Environmen Assess. of Entiat Sub-Basin	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-JAN-01 -	Watershed and Sub-basin Planning and Assessment	\$47,950.00	\$0.00	Upper Columbia

Project Description

The Yakama Nation and the Confederated tribes of the Colville Reservation, in coordination with the Entiat Watershed Council, State and Federal agencies propose to use the Ecosystem Diagnosis and Treatment (EDT) methodology in the Entiat sub-basin to establish a long-term framework for quantifying and understanding watershed conditions. The objective of this EDT assessment is to develop a range of alternative riparian and in-stream habitat protection and restoration strategies. Results from this work will provide the Entiat Watershed Council recommendations and valuable insights towards the prioritization, selection and implementation of future protection and restoration work. The assessment will recommend specific monitoring strategies designed to 1) address project effectiveness, 2) provide consistency for measuring project success in meeting stated objectives and 3) provide for long term tracking of watershed restoration progress towards meeting community goals. The EDT assessment will be applied to the Entiat sub-basin. The diagnostic phase will be completed May, 2001 and a final report outlining alternative restoration strategies and associated benefit/risk analysis and recommendations will be completed in May, 2002. The assessment will target spring chinook and steelhead, which are used as a "indicator" species for watershed health.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1713	WA IAC	Ecology Dept of, Natural Resources Dept of,	Floodplain Mining Study	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-NOV-01 -	Watershed and Sub-basin Planning and Assessment	\$40,020.00	\$0.00	Yakima

Project Description					
<p>The Yakima River has one of the most heavily mined floodplains in the state. Current proposals for additional floodplain gravel pits in an area with Endangered Fish Species requires a better understanding of the impacts from floodplain gravel mining. Unresolved issues associated with floodplain gravel mining include impacts to hydrology, geomorphology, hyporheic zone function, water temperature, floodplain and river ecology and likeliness of successful reclamation. The Floodplain Mining Study will have several distinct areas of investigation that include: Literature and historic floodplain mining research, temperature monitoring of river and floodplain mining pits, geomorphology and pit bathymetry, benthic macroinvertebrate biological assessment of fish assemblage studies upstream downstream and inside the floodplain gravel pits. The results of the study will be used to develop a decision framework to provide guidance toward evaluation of floodplain gravel mines. Approximately ten mining sites will be selected for investigation along the Yakima River with concentration in those areas that are most heavily mined such as Selah, Union Gap and Ellensburg areas. The study is a cooperative effort between Yakima County Planning Department, Yakama Nation, WDNR, WDFW, and WDOE. The study is also supported by USBR and the EPA.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1878	WA IAC	Friends of the San Juans, San Juan Co Con	Forage Fish Habitat Inventory - Phase I	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$194,015.00	Puget Sound

Project Description					
<p>The objective of this project is to identify important forage spawning habitats within San Juan County and initiate actions, such as providing habitat information to resource agencies for regulation enforcement, acquisition of development rights, and habitat enhancement projects, to reduce habitat loss. The project will be a cooperative effort of governmental, educational, and non-governmental organizations. Responsibilities are: SJC MRC: Manages and provides project design, protocols, training, data analysis and reporting. WDFW: provides field and lab training Friends of the San Juans: manages volunteer field data collectors. Coordinates field training and community outreach. SJC Cons. Dist: provides GIS data mapping. Identifies site selection criteria and prioritizes site qualities. UW FHL: provides lab support for sample analysis. With the recent listing of Puget Sound salmon stocks as threatened, the issue of maintaining forage fishes, i.e., herring, sand lance and surf smelt, depend on nearshore habitats for spawning. Protection of nearshore spawning habitats will be needed if salmon recovery is to be successful. Water around the San Juan Islands region support mixed stocks of feeding chinook and coho. Specific salmon stocks to be targeted include Nooksack river chinook, Lower Skagit River chinook, and Skagit River coho.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
WA DNR IAC 119	WA IAC	Washington Department of Natural Resource	Forests and Fish Agreements - DNR Forest Practices Permit System	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-AUG-01 - 30-MAY-05	Watershed and Sub-basin Planning and Assessment	\$146,000.00	\$0.00	Washington

Project Description
Improve the publics ability to review and comment on proposed forest practice activities on private and state forest land (Forest practices application review system)

Project Ref	Grantee	Subgrantee	Project Name	State	
WA DNR IAC 119	WA IAC	Washington Department of Natural Resource	Forests and Fish Agreements - DNR GIS Forest Roads Layer	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-AUG-01 -	Watershed and Sub-basin Planning and Assessment	\$268,000.00	\$0.00	Washington

Project Description
Build an accurate, up-to-date geographic information system to show forest roads on private and state forest land to track landowners' commitments to reduce sedimentation

Project Ref	Grantee	Subgrantee	Project Name	State	
WA DNR IAC 119	WA IAC	Washington Department of Natural Resource	Forests and Fish Agreements - DNR GIS Hydrography Data Layer	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-AUG-01 -	Watershed and Sub-basin Planning and Assessment	\$1,586,000.00	\$0.00	Washington

Project Description
Build an accurate, up-to-date geographic information system to show streams and fish habitat on private and state forest land so fish habitat is better protected and monitored

Project Ref	Grantee	Subgrantee	Project Name	State	
WA DNR IAC 119	WA IAC	Washington Department of Fish and Wildlife	Forests and Fish Agreements - Forest and Fish Implementation (F and	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-AUG-01 - 30-MAY-05	Watershed and Sub-basin Planning and Assessment	\$299,000.00	\$0.00	Washington

Project Description
Support WDFW staff to assist landowners in implementing and ensuring compliance with the new forest practice rules

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1241	WA IAC	Squaxin Island Tribe	Greater Mason County Nearshore Habitat	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$276,375.00	\$0.00	Puget Sound

Project Description

Project Location: WRIA 14, Mason County Geographic Scope: The 85 miles of nearshore and riparian areas comprising Case Inlet, North Bay, Pickering, Squaxin, Peale and Dana Passages, Mason County. Project Purpose: To characterize nearshore habitat conditions and habitat functions as they pertain to salmonids and to rank and identify potential restoration and preservation sites. Project Activities: The project includes mapping the historical, current physical and biological features using existing data, identifying data gaps, and collecting new data on intertidal and subtidal habitat and the spawning distributions of forage fish, and important prey for salmon. Products will include a series of GIS maps transferable to WDFW and DNR databases. Scientific criteria will be developed for evaluating habitat function and ranking criteria for identifying sites for restoration and preservation. Targeted Species/Stocks: Chinook, Coho, Chum Salmon, Cutthroat trout, Pacific Herring, Surf Smelt and Sand Lance. Planning: The project will provide guidance for future salmon recovery work in WRIA 14 nearshore environment based on sound science. In addition, the project will identify important habitat areas to consider as Mason County updates its Shoreline Master Program. Partnership Groups Supporting Project: Squaxin Island Tribe, Taylor Shellfish and WDFW.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1911	WA IAC	Underwood Conservation Dist	Hemlock Dam Fish Passage Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-MAY-01 -	Watershed and Sub-basin Planning and Assessment	\$178,024.00	\$0.00	Middle Columbia

Project Description

Hemlock Dam is a barrier to fish migration. Native steelhead trout are entirely dependent on a fish ladder constructed in 1936 to ascend the 22 foot high dam on Trout Cr. (RM 2.0). The dam is a direct source of fish mortality (USDA 1996) and the number one factor for decline of native steelhead in WRIA 29 (WCC 1999). The Trout Cr. steelhead population has declined precipitously since the 1980's (Bair and Wieman 1995, Smith 1995) and in 1998 steelhead were listed as threatened under ESA. Abundant data has documented fish passage conditions and steelhead survival at Hemlock Dam (Orsborn 1987, Bates 1995, Meyer & Fredricks 1995, USDA 1996, Wieman & Adams 1998). In 1998 we initiated a multiple phase fish passage restoration proposal. Phase I: Assessment & Restoration Options is complete (WSU 1999). The recommended action is to remove Hemlock Dam and reconstruct a free flowing channel. This proposal will complete the Phase II: Feasibility Study, requiring resource specialists and public input to develop a full range of fish passage alternatives. An environmental impact statement will document the environmental and social consequences. It will also complete the legal requirements of plant and animal surveys and cultural resources documentation. When completed, this project will have profound biological and social ramifications: safe and efficient passage for native steelhead, restoration of stream temperatures, and add to the science of dam deconstruction and channel rehabilitation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-1393	WA IAC	Hood Canal Coor Council Inc	Hood Canal Watershed Habitat Inv & Rest	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-02 -	Watershed and Sub-basin Planning and Assessment	\$75,000.00	\$0.00	Puget Sound

Project Description

We propose to compile existing information pertaining to salmon habitat-forming processes within the Hood Canal watershed (Task 1), fill habitat data gaps through field inventories (Task 2), synthesize and assess all resulting information, and identify and prioritize habitat restoration and conservation projects within summer chum and chinook salmon watersheds (Task 3). A technical committee will select and fulfill objectives of each of the three tasks using workforce from various groups and funds from the SRFB. Restoration and conservation projects will be identified based upon the relative level of degradation within and between streams for parameters such as LWD, riparian condition, channel condition, and sedimentation. Resulting, appropriate information could be incorporated into the Recovery Strategy (2001) after review by the HCCC Technical Team. Approximately 31 streams have been identified as potential summer chum and chinook salmon habitat in Hood Canal and the Eastern Strait of Juan de Fuca. Appropriate habitat data exists for only 14 of these watersheds. A comprehensive, comparable database would be invaluable for: (1) identifying specific projects to be incorporated into the Recovery Strategy (2001), (2) improving the limiting factors analysis which will be initiated in fall/winter 2001, (3) providing for programmatic baseline habitat monitoring. Initiating this project now will dramatically improve each of these critical efforts.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1806	WA IAC	Hood Canal SEG	Hwy 101 Estuary Causeway Removal Ph 1	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 - 22-JUL-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$80,000.00	Puget Sound

Project Description

Five major rivers, with their headwaters either in the glaciers of the Olympic Mountains or in spring fed wetlands, flow into the west side of Hood Canal. These rivers, the Skokomish, Hama Hama, Lilliwaup, Duckabush and Dosewallips, are home to all species of salmon, including two ESA listed stocks, summer chum and chinook. SR 101 is the principal state highway that crosses the estuaries of these five major rivers, using earth fill with bridges located at the low flow line and effectively impacting estuary function and values by constricting the channel and tidal prism, reducing access to tidal side channels and sloughs, and eliminating salt marshes. Properly functioning estuaries, with their abundant food supply, wide salinity gradients and diverse habitats, have long been recognized as one of the most productive aquatic environments for numerous fish and wildlife species and life stages. The goal of this project, phase one of two phases, is to compare historical coastal information (maps, photos, geomorphologic records, flow regimes, etc.) with current conditions, analyze biological impacts and develop a conceptual plan with costs estimates to eliminate these estuarine impacts and restore estuarine function and values. This is the first step in addressing the impacts created by SR 101 and the potential for contributing to salmon recovery in the region is enormous.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1673	WA IAC	Island County of	Island Co. Nearshore Habitat Assessment	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-JUN-01 -	Watershed and Sub-basin Planning and Assessment	\$161,343.00	\$0.00	Puget Sound

Project Description

This four-part nearshore proposal includes: 1- Underwater videographic eelgrass mapping cosponsored by the Northwest Straits Commission; 2 - A comprehensive sampling of the county's many forage fish (surf smelt, sand lance & herring) spawning beaches; 3 - Completes a PSAMP-sponsored shoreline hardening inventory; and, 4 - Implements outreach training programs and begins surveying the 7,000 shoreline owners on potential nearshore habitat protection and/or restoration options: "soft" bank armoring, shade restoration, beach nourishment, spawn and eelgrass habitat protection, or acquisition/easements. A list of landowner's interested in conducting a protection or restoration project on their property will be developed. Identifying and mapping the islands' forage fish spawn areas, eelgrass beds, and hardened shorelines are undertakings of the Island Co. Marine Resources Committee (MRC). The MRC will use the datasets to design & implement science-based local voluntary marine protected areas where appropriate, to protect key nearshore habitat areas. No net loss" regulations protect both the spawning and eelgrass sites (WAC 220-110); but only where the habitat is established by protocol. When completed, these assessments will afford immediate new protections for salmon habitats (and food) along 205 miles of prime marine salmon routes.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1736	WA IAC	Pierce Co Water Programs Div	Key Peninsula Nearshore Sal. Hab. Assess	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JAN-02 - 15-JUL-03	Watershed and Sub-basin Planning and Assessment	\$178,500.00	\$0.00	Puget Sound

Project Description

This project will conduct a spatially explicit nearshore salmon habitat assessment for approximately 145 miles of marine shoreline in Pierce County west of the Tacoma Narrows. The goal of the this work is to characterize and map nearshore habitat features and impediments in the study area, and to identify high-quality habitats that should be considered for protection and impaired habitats that should be considered for restoration. The study area includes the shorelines of Key, Gig Harbor, and Long Beach peninsulas, as well as Fox and Anderson islands, referred to collectively as the KGI area.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1847	WA IAC	Quinault Indian Nation	Lake Quinault Sediment Core Sampling	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-MAR-01 - 15-JUL-03	Watershed and Sub-basin Planning and Assessment	\$45,500.00	\$0.00	Washington Coastal

Project Description

Lake Quinault, a glacially created 3,729-acre lake is home to the southernmost coastal sockeye salmon stock on the West coast of North America. The stock is genetically distinct from all other sockeye stocks on the west coast. Preliminary assessment of the key variables that support primary productivity of Lake Quinault suggest that rearing conditions may be well below adequate productivity levels for the successful rearing of juvenile sockeye. The project's objectives are to determine historical productivity and escapements of Lake Quinault sockeye. Sediment core samples will be collected for Lake Quinault and an undetermined reference lake. By analyzing the core-samples, levels of nitrogen present in the sediments deposited from salmon carcasses over the centuries will allow biologists to calculate the historical escapement of sockeye salmon to Lake Quinault. The sediment core-sampling project is a required component of the current Lake Quinault monitoring program and is the final piece needed for understanding the ecosystem of Lake Quinault and to determine productive capability of Lake Quinault for producing sockeye salmon. The outcome of this project and the information it will provide is determining factor that may allow the Quinault Indian Nation Fisheries Division to choose fertilization as a course of action to optimize lake productivity, juvenile sockeye production, and recover Lake Quinault sockeye to historic numbers.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1742	WA IAC	Chelan Co Commissioners	Lower Wenatchee Channel Mig. Zone Study	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Watershed and Sub-basin Planning and Assessment	\$173,142.00	\$0.00	Upper Columbia

Project Description

The Wenatchee River has three ESA listed salmonids: Chinook Salmon (endangered), steelhead (endangered), and bull trout (threatened). Habitat assessments on select reaches and tributaries show that loss of rearing habitat in some locations contributes to the decline of these species. Fish management agencies have recommended that habitat protection and restoration of the lower Wenatchee River would contribute to the recovery of salmonids. However, they strongly advise that a study of channel migration, fluvial processes and floodplain function is needed to ensure that restoration is compatible with system dynamics. Recent flood events in the Wenatchee River have also caused significant damage to private property. The river migrates across the floodplain during flood events, and the county's historic approach is to allow construction to levees and revetments to constrain the stream channel. Likewise, many landowners attempt to armor the banks to prevent erosion related to channel migration. These actions have exacerbated the overall damage from floods, and contributed to the loss of salmon habitat. In order to regulate development in hazardous zones and help ensure the protection to properly functioning habitat on the lower mainstem Wenatchee, Chelan County wishes to identify historic and current channel migration zones, factors affecting migration rates, means to restore floodplain function, appropriate sites for restoration initiatives, and conduct a riparian survey.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1303	WA IAC	Pierce Co Conservation Dist	Mashel Restoration Assessment, Phase I	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-02 -	Watershed and Sub-basin Planning and Assessment	\$90,221.00	\$0.00	Puget Sound

Project Description

The Mashel River in the vicinity of the town of Eatonville is degraded for several survival attributes affecting multiple life stages of fall Chinook. Restoration opportunities are apparent (i.e., restoration of functional channel configuration, riparian/wetland vegetation planting), but several constraints to implementation remain. Through this assessment a team of habitat restoration professionals will work with key property owners and civic leaders in the town of Eatonville to develop restoration opportunities. The deliverable product will be a comprehensive Mashel River (Eatonville Vicinity) Restoration Plan, developed in cooperation with the Town of Eatonville and key private landowners, for the portion of the Mashel River running from RM 3.2 to RM 6.0. Site-specific restoration projects will result from this assessment in the identified reach. This project is identified as a high priority in the Nisqually Chinook Recovery Plan, as Action item 1.2.2.2. The protection and restoration of Mashel River in the vicinity of Eatonville will benefit Nisqually fall chinook, coho, and pink salmon, as well as cutthroat and steelhead trout. This project is also specifically identified in the Limiting Factors Analysis for the Nisqually Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1371	WA IAC	Mason Conservation Dist	Mason County WRIA 22 Culvert Assessment	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$136,481.00	\$0.00	Washington Coastal

Project Description

This project will inventory, assess, and prioritize potential barriers to fish passage on anadromous streams in the Satsop Watershed. This will include culverts, dams, and identifying potential oxbow and wetland reconnections. The project will determine which structures are presently restricting fish passage and stream survey protocol. The passage barriers on both private and public lands will be included. The MCD will utilize the Pierce Conservation District's barrier database (Microsoft Access) to organize data such as location information, physical measurements, barrier status, digital site photos and prioritization information. GPS data will be collected and used to generate GIS maps showing site locations and barrier status of structures. GIS data and information from the databases will be integrated into SSHIAP and the WDFW fish passage barrier database. The Mason Conservation District is currently partnered with the South Puget Sound Salmon Enhancement Group to accomplish the identical inventory of the WRIA 14 watershed. The District has the trained staff, most of the equipment, and computer database needed to complete an inventory for the Satsop. The database created for WRIA 14 is being used to identify and prioritize projects for SRFB funds to correct fish passage issues. All data collected, including the database and GIS, will be distributed via hard copy and on CD-ROM to all interested parties.

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Project Ref	Grantee	Subgrantee	Project Name	State	
00-1716	WA IAC	Skagit Land Trust	Middle Skagit Inventory & Assessment	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-APR-01 - 02-JUL-03	Watershed and Sub-basin Planning and Assessment	\$43,988.00	\$0.00	Puget Sound

Project Description

Skagit Land Trust, a private non-profit land conservation organization, proposes to conduct an inventory of private lands along the mainstem and major tributaries of the Skagit River between the towns of Sedro-Woolley and Concrete. The purpose of this inventory is to locate and prioritize the most important parcels for the protection of salmon habitat and to contact and identify those landowners willing to sell property interests on key parcels. The products from this work will include: 1) a rated list of available parcels in the most important parts of the project area; 2) preliminary commitments and/or purchase options from willing sellers; and 3) proposals for acquisition of the highest rated parcels where willing sellers have been identified. Complete acquisition proposals for protection of at least 10 parcels or 500 acres of priority habitat will be prepared. This project is designed to implement Skagit Watershed Council's Restoration and Protection Plan by systematically identifying the best remaining "key habitat" for protection in one of the Councils strategic plan "target areas," where past habitat protection efforts have been limited. It is also intended to serve as a model, and pilot project, for possible application in other target areas within the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1425	WA IAC	Skokomish Indian Tribe	Mid-Quilcene River LWD Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$177,757.00	\$0.00	Puget Sound

Project Description

This application represents Phase I of two phases. This project focuses on a degraded section of the Big Quilcene River with a history of manipulation that has constricted and isolated the channel from the floodplain, resulting in channel incision that has severely degraded in-stream salmonid habitat. There are three activities in this Phase I project: -Reach analysis to assess current and historic data (photo record, channel locations, anthropogenic impacts, etc.) on channel migration in the floodplain, habitat and geomorphological conditions. This supports the other activities. -Outline incentives available to the landowner to provide land protection into perpetuity and ensure the permanence of restoration activities. -Acquisition of 15 acre riverfront portion of the project site. This will ensure implementation of the Phase 2 restoration & protection into perpetuity for an ecologically important section of the Big Quilcene River.

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Project Ref	Grantee	Subgrantee	Project Name	State	
01-1202	WA IAC	Fish & Wildlife Dept of	Nearshore Ecosystem Restoration Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-SEP-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$375,000.00	Washington - Statewide

Project Description

The purpose of the Puget Sound Nearshore Ecosystem Restoration Study is to assess ecosystem condition and function and evaluate significant ecosystem degradation in the Puget Sound basin; to formulate, evaluate, and screen potential solutions to these problems; and to recommend a series of actions and projects to address them. SRFB funds will support Stage 1 of the study, including WDFW participation in the study as the Nonfederal Project Sponsor and WDFW administration of the state side of the study. In addition, SRFB funds will help provide technical support to the study, and implementation of specific study elements. Products of Stage 1 include: development of a technical framework, including adoption of guiding ecological principals; adoption of a conceptual model of the Puget Sound Nearshore Ecosystem; compilation of existing information; identification of limiting factors for salmonids and other key species; assessments and analysis of ecosystem condition and function; development of selection criteria for habitat restoration and protection; development of a prioritized list of early actions and projects; and identification of data gaps and research needs.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1086	WA IAC	Island County of	Nearshore Project Coordinator	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$28,000.00	Puget Sound

Project Description

Provide coordination of four-county Nearshore Habitat Assessment Projects (Three of which are the following SRFB funded projects: Island County Nearshore Habitat Assessment 00-1673; Forage Fish Habitat Inventory Phase 1 00-1878; and East Jefferson County Forage Fish Study 00-1808). Regional coordination will result in cost efficiencies and value-added benefits to each of the individual efforts. Tasks would include: 1) Coordinate gathering of historic data using county maps, regional WDFW surveys, historic literature search and interviews, 2) Site selection process 3) Create sampling schedules: consider likely spawning times when designing surveys of spawning locations, 4) Education and adoption of the Moulton/Penttila protocols, 5) Promote, publicize and conduct collection & field ID training classes, instructing public volunteers in Moulton/Penttila protocols. Field training involved with sampling gear and egg handling; 6) Collections routine 7) Collation of field data into pre mapping data sets. 8) Coordinate lab work regionally, at UW, Friday Harbor Laboratories; Pt. Townsend Marine Science Ctr, and WDFW LaConner lab or other approved labs using Penttila protocols. 9) Map results as they are generated in new GIS data set. 10) Obtain county adoption of maps.

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Project Ref	Grantee	Subgrantee	Project Name	State	
00-1873	WA IAC	Squaxin Island Tribe	Oakland Bay & Hammersley Inlet Nearshore	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 - 12-JUN-02	Watershed and Sub-basin Planning and Assessment	\$164,041.00	\$0.00	Puget Sound

Project Description

Project Location: Mason County, WRIA 14, Oakland Bay and Hammersley Inlet. Geographic Scope: All the nearshore and adjacent upland buffer/shoreline riparian areas in Oakland Bay and the majority of Hammersley Inlet. Project Purpose: The purpose of the project is to design and implement a protocol for inventorying nearshore habitat in the project area and to identify and rank properly functioning and degraded habitat areas. The areas identified, as properly functioning will then be prioritized for preservation through acquisition. The areas identified as degraded or minimally impaired will be prioritized for restoration. Project Activities: The project includes mapping the historical, current physical and biological features using existing data, identifying data gaps, and collecting new data on intertidal habitat. The products from the project will include a series of GIS maps in a format transferable to State WDFW and DNR databases. Scientific criteria will be developed for determining which areas are degraded, minimally impaired, or properly functioning. Ranking criteria will also be developed for prioritizing sites for acquisition and restoration. Targeted Species/Stocks: Chinook, Coho, and Chum Salmon, Cutthroat Trout, and Steelhead. Planning: The project will provide clear guidance for future salmon recovery work in the WRIA 14 nearshore environment. Partnership Groups Supporting Project: Squaxin Island Tribe and Taylor Shellfish.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1680	WA IAC	Okanogan Co Conservation Dist	Okanogan Cty Fish Passage Barrier Survey	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 -	Watershed and Sub-basin Planning and Assessment	\$186,178.00	\$0.00	Upper Columbia

Project Description

The need for an inventory and assessment of fish passage barriers on a watershed scale has been identified as an extremely important need for the recovery of salmon by the Methow Limiting Factors report, The Upper Columbia technical Team's Priority Considerations, and by the State wide Strategy to recover Salmon. Throughout both the Methow and Okanogan Watersheds quality habitat is inaccessible to salmonids due to passage barriers. Identification of these barriers will aid in strategic planning efforts for the salmon recovery. We propose to conduct an inventory of the Okanogan and Methow Watersheds, using proven protocols established by the WDFW Salmon, Screening, Habitat enhancement and restoration (SSHEAR) Division in their Fish Passage Barrier and Surface Water Division Screening Assessment & Prioritization Manual. Two Crews comprised of Displaced Timber Workers (DTW) will be trained in assessment techniques by WDFW staff and conduct the inventory will include barrier identification and evaluation as well as assessment of available habitat both upstream and downstream. Data will be collected and submitted to the WDFW database maintained by the SSHEAR staff in Olympia. The grant and data submittal will be managed by the DTW coordinator and the District Manager.

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Project Ref	Grantee	Subgrantee	Project Name	State
00-1842	WA IAC	Pierce Co Conservation Dist	Priority Index Surveys - Puyallup Basin	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-01 -	Watershed and Sub-basin Planning and Assessment	\$90,680.00	\$0.00	Puget Sound

Project Description

The Pierce Conservation District has completed an inventory of fish passage barriers in the anadromous zone of WRIA 10. Over 535 structures have been identified and about 56% of these were determined to be barriers to fish passage using WDFW criteria. The next step is to prioritize those barriers, so that higher priority projects can be addressed first. Prioritization is conducted following WDFW protocol as described in the Fish Passage Barrier Assessment and Prioritization Manual, and involves completing a field survey of stream reaches above fish passage barriers to determine the quality and quantity of habitat available upstream. Prioritization also considers species utilization, stock status for species utilizing the stream, and project cost. The result is a Priority Index (PI) score, which can be used to directly compare priorities of proposed projects. PI scores on some of the culverts identified through the initial Puyallup River Inventory have been used to rank projects for the 2000 construction season. After high priority projects are identified, design work and grant funds will be pursued to rectify the problems. Completing this work will insure wise use of potential grant dollars while providing the greatest benefit to the resource. In addition, data collected by this assessment will be shared with WDFW and will be incorporated into the NWIFC Salmon and Steelhead Habitat Inventory and Assessment Project Database.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1848	WA IAC	South Puget Sound SEG	Puyallup Watershed Feasibility Study	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 -	Watershed and Sub-basin Planning and Assessment	\$54,410.00	\$0.00	Puget Sound

Project Description

The first phase of the project will be for the South Puget Sound Salmon Enhancement Group (SPSSEG) in partnership with Pierce CD to identify key areas in the watershed that are considered to be critical salmon spawning/rearing habitat & catalog potential projects. Information will be gathered from the Fish & Wildlife Committee, existing data, & GIS mapping systems. This group process is meant to provide support to the Puyallup River Council's Fish & Wildlife Committee & Pierce County (Lead Entity) to identify & develop worthwhile projects. The second phase is for the SPSSEG to assess the willingness of the landowner to proceed with a preservation/enhancement project in these key areas. This project will benefit the lead entity & potential project sponsors by creating a list of willing landowners, preliminary project design concepts, & a coordinated effort toward salmon recovery in the Puyallup Watershed. PCD will coordinate the identification of key salmon recovery projects in the Puyallup River Watershed by using the Draft Habitat Protection & Reclamation Strategy for Salmon Recovery (Pierce County Lead Entity), the Conservation Commission's Limiting Factors Analysis, & experts on the Puyallup River Watershed Fish & Wildlife Committee. This assessment will strengthen the Puyallup River Watershed Salmon Recovery Partnership that includes the Pierce County, Puyallup Tribe, South Puget Sound Salmon Enhancement Group, Puyallup River Watershed Council, Washington Department of Fish & Wildlife, & other future partners.

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Project Ref	Grantee	Subgrantee	Project Name	State	
01-1222	WA IAC	Friends of the San Juans	San Juan County Eelgrass Survey Phase 2	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$211,229.00	\$0.00	Puget Sound

Project Description					
<p>Identifying and mapping the San Juan Archipelago's nearshore eelgrass beds is phase two of Forage Fish Spawning Habitat Assessment Project already undertaken by the Friends of the San Juans and San Juan County. After accurate assessments of intertidal and subtidal habitats are integrated, through GIS, this project will produce a comprehensive eelgrass inventory for San Juan County which will be used to: identify eelgrass restoration sites, identify targets for land acquisition, increase public education for salmon recovery, and support salmon habitat protection strategies. Results will be available on CD and on the web. Surf smelt, sand lance, and herring spawn throughout the archipelago where extensive eelgrass beds and graveled beaches nurse forage fish and salmon alike. This proposal funds: completion of state-of-the-art underwater videographic and hydro-acoustic eelgrass mapping, integration of eelgrass data into the GIS database developed in phase one, provides information necessary for phase three which is to apply appropriate protective mechanisms. "No net loss" regulations protect both spawning and eelgrass sites; but only where habitat is established by protocol. To protect these habitats, spawn deposition site inventories and eelgrass boundaries must be completed and comprehensive. The objective of these assessments is to identify habitats utilized by surf smelt and pacific sand lance and subtidal vegetation supporting herring spawning with the accepted protocols.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1696	WA IAC	Fish & Wildlife Dept of	SE WA Baseline Stream Assessments	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	16-MAR-01 -	Watershed and Sub-basin Planning and Assessment	\$47,500.00	\$0.00	Middle Columbia

Project Description					
<p>The Dept. of Fish and Wildlife, in cooperation with four Conservation Districts (CD) in 3 counties, proposes to conduct a cooperative 2-yr. baseline assessment project in several streams in southeast WA where little or no salmonid use, distribution & abundance data exists. The project will also collect data on stream temperatures & flows during spring, summer & fall. The salmonid distribution & abundance data, water temperatures & stream flow data, as well as observed habitat conditions will be to used as brief assessments of several streams in Asotin, Garfield, & Whitman counties. This data will be used by resource managers & citizens to determine proposed restoration or protection actions & to determine the priority of these watersheds for salmonid restoration or protection efforts in each county, & within the Snake River Salmon Recovery Region. The project consists of conduction spawning ground surveys to determine the distribution & relative abundance of adult salmonids. Temperature monitors will be deployed & stream flows will be measured in spring. During summer, electrofishing will be used to determine distribution & relatively abundance of juvenile salmonids in each stream. Temperatures & flows will be measured. During fall the temperature monitors would be retrieved & downloaded & stream flows will be measured again. Data for streams in each county will be summarized in reports provided to the CDs. WDFW will provide cost share by donating labor & materials.</p>					

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Project Ref	Grantee	Subgrantee	Project Name	State	
01-1193	WA IAC	WA Trout	Stillaguamish ELJ Monitoring	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$350,000.00	\$0.00	Puget Sound

Project Description
<p>Project History: Eight ELJs are installed in the North Fork Stillaguamish (NFS), primarily to increase the quantity and quality of holding pool habitat for spawning summer chinook in the reach between RM 21.3 and 22.8, test ELJ technology and performance, enhance off-channel habitat, increase bank protection, and maintain wood in channel by creating areas of deposition. Project partners include NMFS, Snoh. Co., USACOE, WDOE, Stillaguamish & Tulalip Tribes. Scope of Work: The NFS Phase I (97-1299C) and Phase II (99-1367D) monitoring project will monitor and assess the original eight ELJs, completing over eight years of assessment on ELJ technology, and benefits to salmon with baseline and post-project monitoring. This information will be used to assist and evaluate the success of additional ELJ installations being planned in other regions of the state. In collaboration with other agencies, the project will produce standardized ELJ monitoring protocols. The monitoring on the NFS ELJs has and will continue to set standards for others to follow. Primary Project Objectives: Conduct a five-year evaluation of the ELJs placed in the NFS to confirm ELJ success or failure, document changes that have occurred within the structures, and examine through validation monitoring the long-term benefits to salmon, hydraulic interactions of the ELJs, and cost effectiveness of the technology.</p>

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1783	WA IAC	Stillaguamish Indian Tribe	Stillaguamish Landslide Hazard Zonation	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$40,000.00	\$0.00	Puget Sound

Project Description
<p>The purpose of this project is to develop a landslide hazard zonation map to be used as a decision making tool for future land management activities in the Stillaguamish watershed. In 1997, a landslide inventory was conducted throughout the entire Stillaguamish basin (approximately 700 sq/mi). Aerial photography from 1933-1991 was used to determine the number and size of all visible landslides. 1,080 landslides were cataloged (97%) from the North and South Forks. Three quarters of the landslides are associated with forest land uses (52%) originating from clearcuts, (22%) originating from roads. Using the landslide inventory as a tool to determine why and where landslide activity occurred previously, a map will be developed showing zones of high potential landslide risk for any future land use activity. The map would be used by all agencies conducting land use activities in the Stillaguamish basin. Because over 70% of the land use within the basin is forestry, the primary users would be DNR, the USFS and private timber companies. The ultimate goal of the project is to reduce the number of human induced landslides impacting the watershed.</p>

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Project Ref	Grantee	Subgrantee	Project Name	State	
00-1766	WA IAC	Seattle City of	Tolt Floodplain Reconnection Site Analyis	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Watershed and Sub-basin Planning and Assessment	\$70,000.00	\$0.00	Puget Sound

Project Description

Purpose: Increase and improve fish habitat on the lower Tolt River by relocating and restructuring the levee system. Location/scope: Lowest mile of the Tolt River, to confluence with the Snoqualmie River. Activities: 1) Develop a conceptual design for levee setback and removal that will allow the channel to meander unconstrained, without decreasing the level of flood protection provided by the existing levees. 2) Quantify increases and improvements in chinook spawning and rearing habitat that will occur as a result of the project. Targeted species: Snohomish fall chinook, coho, chum and steelhead. Partners: City of Seattle, King County, Tolt Fisheries Advisory Committee Time frame: October 2000 - December 2001 The lower Tolt River is one of the most constrained section of river in the Snoqualmie Watershed. The Tolt Floodplain Reconnection Project will increase spawning habitat for chinook salmon, increase protection of chinook salmon redds by reducing scour, and increase rearing habitat for all native salmon and trout using the lower Tolt River. The project involves setting back or removing levees that currently constrain the channel, reconnecting the river to the main channel, historic side channels and a wetland at the mouth of the river. This reconnection is expected to enhance abundance, diversity and distribution of chinook, coho, chum and steelhead within their historical range.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1910	WA IAC	Lower Columbia Fish Recov Bd	Washougal River Watershed Assessment	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JAN-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$50,000.00	Lower Columbia

Project Description

Conduct a salmon habitat assessment on the Washougal River watershed. The watershed has important fishery resources but habitat assessment data is limited. The project will enable the LCFRB, in cooperation with the WDFW, CC and DOE to identify actions to restore and protect salmon habitat in the Washougal basin. The project is a pilot demonstration of an assessment template developed by LCFRB TAC. It will be refined and applied across 5 WRIA's. The assessment will focus on barriers to passage, riparian habitat acquisition and enhancement needs, and sediment source abatement. It will build on Limiting Factors Analysis (LFA) and other assessment work. Study elements include: Refining SSHIAP stream segments with reach level details describing pool-riffle, forced pool riffle, plane bed, step pool, and channel habitat types. Further delineating isolated habitat, and calculating miles of blocked habitat per river basin mile. Evaluating riparian plant species composition, avg. diameter, density, % shade. Conducting risk assessment of sediment loading by using geology and land use GIS data. Calculating sediment budgets in key areas. Aerial photo interpretation and ground-truthing will be conducted. SSHIAP and GIS data will be updated. Data will be analyzed to identify: key, secondary, degraded, and isolated habitats. A prioritized basin-wide project list will be prepared based on a critical path methodology.

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Project Ref	Grantee	Subgrantee	Project Name	State	
00-1735	WA IAC	Skagit County Public Works, Skagit Fish Enh	Wiseman Creek Feasibility Study	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$74,800.00	\$0.00	Puget Sound

Project Description					
<p>Skagit County is seeking a Salmon Recovery Funding Board grant to conduct a feasibility study on Wiseman Creek and the associated wetlands. The purpose of the Wiseman Creek Feasibility Study is to determine potential alternatives for reducing sediment load in Wiseman Creek and increasing fish habitat in the entire watershed. Skagit County will partner with the Skagit Fisheries Enhancement Group and the Skagit System Cooperative to complete the study. Wiseman Creek feeds into the Skagit River approximately five miles northeast of Sedro Woolley, Washington. Coho salmon have historically used this area for spawning and rearing, though fish returns have steadily decreased during the last decade. Sediment transported from the upper watershed has overwhelmed the low gradient portion of the stream and inhibited fish passage. South of the associated wetland, the creek has been diverted into drainage ditches that flow into a culvert perched 6-8 feet above the Skagit River. The feasibility study will include a field assessment, habitat survey, aerial survey, characterization and mapping of recent changes in channel morphology, hydraulic modeling, & sediment transport analysis of Wiseman Creek. An alternative analysis, including at least three alternatives with a preferred alternative, will be developed based on the findings.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1258	WA IAC	Whatcom County Public Works	WRIA 1 Drainage Structure Inventory/Pass	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$531,293.00	\$0.00	Puget Sound

Project Description					
<p>Drainage structures often block fish access to functional habitat, a key to healthy salmonid populations. This project will assign a priority and sequence for fish passage restoration in WRIA 1 and optimize on-going repairs by Whatcom County and others. First, the highest priority sub-basins will be identified and ranked based on priority fish species and habitats. Second, existing fish passage data will be gathered from co-managers, agencies, municipalities, and regional enhancement groups. Third, starting with the top ranked sub-basin, existing data will be standardized to conform to the WDFW SSHEAR protocol, digitized and entered into a GIS layer and Access database. Fourth, displaced natural resource workers will work with WRIA 1 and 3 restoration partners and private landowners in the highest ranked areas, to locate and inventory, using GPS and the SSHEAR assessment protocol, remaining structures. Fifth, habitat assessments and PI ratings will be done for priority culverts identified in the sub-basin inventory. Sixth, a prioritize project list and timeline for the sub-basin will be developed. Finally, resulting data sets will be incorporated into the WRIA 1 Watershed Management Project Decision Support System. All assessment work will be completed on the highest priority sub-basin before moving on to the next prioritized sub-basin. Priority culverts can thus be identified and replaced without waiting for completion of the entire inventory.</p>					

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Project Ref	Grantee	Subgrantee	Project Name	State	
00-1875	WA IAC	South Puget Sound SEG	WRIA 14 Fish Passage Inventory	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-MAR-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$108,960.00	Puget Sound

Project Description

The WRIA 14 Fish Passage Inventory Project will provide a comprehensive inventory of all instream structures (culverts, dams, fishways, etc.) located on public or private lands within WRIA 14. The project will be an expansion of current work being done by Squaxin Island Natural Resources Dept. in the Oakland bay watershed of WRIA 14. The purpose of the project is to determine the extent of habitat loss due to impassable structures, identify structures that may fail in the future, and provide a means of prioritizing replacement of impassable structures. In addition to determining the location and extent of passage problems, the project will identify key habitat problems in surveyed streams (a by-product of performing priority index surveys of the structures and habitat above and below). The project will follow the example established by the Pierce Conservation District and their inventory of the Puyallup River watershed (in which the SPSSEG is an active committee member of the Pierce County Fish Passage Task Force) and use criteria established by WDFW in the Barrier Prioritization and Assessment Manual (currently being updated). Information collected from the inventory will be provided to the SSHIAP program of the NWIFC and WDFW and available to all interested parties by CD-ROM or access through the SPSSEG web-site. The project, including inventory and priority index surveys should be completed by December 31, 2001.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1243	WA IAC	South Puget Sound SEG	WRIA 14 Fish Passage Project Development	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$55,675.00	\$0.00	Puget Sound

Project Description

SPSSEG is currently inventorying man-made fish barriers in the anadromous zone of WRIA 14. As of November 2001, over 200 structures have been identified with approximately 50% measured as barriers based on WDFW fish passage criteria. This grant proposes a four phase project that will: 1) Utilize the WRIA 14 Fish Passage Inventory to prioritize man-made fish passage barriers and rank them into a matrix form that will create a top tier list of potential passage projects. 2) SPSSEG will work with the Lead Entity Technical Committee to identify key salmon spawning and rearing focus areas. 3) SPSSEG will contact landowners in the identified focus areas with fish passage barriers and coordinate with them to proceed with a project 4) SPSSEG will complete preliminary designs with professional engineering for top tier projects in the focus areas. This project will allow WRIA 14 to be aggressive and assertive in salmon habitat reclamation by having a prioritized fish barrier list. The top tier projects will ultimately be identified and prioritized by the WRIA 14 Salmon Habitat Recovery technical and community committees. SPSSEG feels that this project is the next crucial phase of the WRIA 14 Fish Passage Inventory and will work as a feasibility study. The project will strengthen and expand the local salmon partnerships that include: Mason County, Squaxin Island Tribe, WDFW, Department of Ecology, Mason Conservation District, cooperating agencies, and future partners.

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Project Ref	Grantee	Subgrantee	Project Name	State	
00-1879	WA IAC	Concurrent Technologies Corp	WRIA 14 Salmonid Refugia Study, Phase II	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-01 - 22-APR-03	Watershed and Sub-basin Planning and Assessment	\$94,995.00	\$0.00	Puget Sound

Project Description

Concurrent Technologies Corporation (CTC), a non-profit organization, is applying for two identical grants from the SRFB (one for WRIA 14 & one for WRIA 16) . This is necessary because the proposed assessment will be conducted in two adjacent WRIAs. This application is Phase 2 of a study already begun by CTC & funded by Mason County in WRIAs 14 & 16. Almost half of the funding for Phase 1 will be used as the matching contribution for this grant. The study methodology outlined below originated with Dr. Chris Frissell of the University of Montana & was adapted by CTC for the Kitsap Peninsula (WRIA 15) salmonid refugia study. This study will identify critical salmonid habitat (refugia) surrounding the streams within WRIA 14 & rank the refugia by salmonid habitat suitability. Species addressed with this project include both resident & anadromous trout as well as anadromous salmon. Phase 1 of the study, to be completed by December 31, 2000, will identify & assess the quality/utility of pertinent digital data layers as well as include gathering preliminary field data. Phase 2, this proposal, will utilize the data from Phase 1 to identify the refugia, assess habitat quality both at an instream & landscape level & create and run a habitat suitability model. Partners include the Skokomish Tribe, Squaxin Island Tribe, Mason County, Point No Point Treaty Council, local biologists & others. Phase 2 will be completed by Dec. 31, 2001.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-1370	WA IAC	Lewis County Conservation Dist	WRIA 23 Culvert Assessment	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-SEP-01 -	Watershed and Sub-basin Planning and Assessment	\$180,054.00	\$0.00	Washington Coastal

Project Description

The Lewis County Conservation District (LCCD) will develop sub-basin maps and databases of all habitat blockages (culverts, dikes, railroad grades, etc.) for all salmonids life stages in WRIA 23 in Lewis County and in the Skookumchuck River basin in Thurston County. This information is needed for prioritizing restoration efforts to optimize cost benefit ratios when funding and implementing restoration projects. Three of the major rivers included in the survey are documented as "high priority basins" within the Chehalis River in the Salmon and Steelhead Restoration Strategy for the Chehalis and Nearby Drainages section of the Limiting Factors Analysis for WRIA's 22 and 23. Furthermore, Fish Passage is documented "high" as a data gap to inventory, assess, and prioritize habitat blockages. LCCD employees will compile assessment data from several sources and complete the remaining surveys needed to have holistic information available for future reference. We will use Assessors information to obtain landowner information and conduct level "A" assessments on culverts using WDFW protocol. If passage is undetermined a level "B" assessment will be completed. The LCCD has experience and owns all necessary equipment to complete this type of project. The maps and databases will give the LCCD and other entities the ability to locate high priority restoration projects that include removing or replacing barriers allowing existing habitat to be utilized throughout WRIA 23 in Lewis County.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
99-1744	WA IAC	Fish & Wildlife Dept of	Aquatic Habitat Guidelines 01-012	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-99 - 23-JUL-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$800,000.00	Washington - Statewide

Project Description
 Assist WDFW with the ongoing development and dissemination of standards and guidelines for stream corridor and marine shoreline salmon habitat protection and restoration

Project Ref	Grantee	Subgrantee	Project Name	State
00-1725	WA IAC	Bainbridge Island City of	Bainbridge Island Nearshore Assessment	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$190,750.00	\$0.00	Puget Sound

Project Description
 This project will develop baseline physical and biological conditions of the natural and altered nearshore and estuarine features/habitats of Bainbridge Island's 45 miles of shoreline and 8 estuaries. The project will identify opportunities for habitat preservation and restoration and strategically prioritize them. The prioritized projects will effect recovery of listed chinook salmon, and other salmonid species that forage in the nearshore environment. The project will serve as an implementation tool in Bainbridge Island's land use policy development/modification. The project will help target shoreline public education and outreach programs. The project will characterize present and historic coastal drift (net shore-drift) patterns and the degree of discontinuity that shoreline modifications have created. Properly functioning conditions will be determined by tying coastal geology and biology (targeted fish species) and fisheries habitat distribution (quantity and quality). By assessing properly functioning conditions within drift cells such as feeder bluffs, substrate and riparian and aquatic habitat, this project will provide baseline information that is imperative to monitor the success of future preservation and restoration efforts. Due to the nature of the project, it is necessary for some activities to take place over four seasons. Partnership efforts are being discussed with King county nearshore Technical group, the Suquamish Tribe, and Kitsap County.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1762	WA IAC	Pierce Co Conservation Dist	Barrier Prioritization Surveys - WRIA 15	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-01 -	Watershed and Sub-basin Planning and Assessment	\$73,700.00	\$0.00	Puget Sound

Project Description
<p>The Pierce Conservation District is in the process of completing an inventory of fish passage barriers in the andromous zone of East WRIA 15. Over 140 structures have been identified, with 56% of those determined to be barriers to fish passage. The next step is to prioritize those barriers, so higher priority projects can be addressed first. Prioritization is conducted following WDFW protocol as described in the Fish Passage Barrier Assessment and Prioritization Manual, and involves completing a field habitat survey of stream reaches above fish passage barriers to determine the quantity and quality of available habitat. Prioritization also considers species utilization, stock status for species utilizing the stream, and project cost. The result is a Priority Index (PI) score, which can be used to directly compare priorities of proposed projects. PI scores on some culverts identified by the Conservation District identified culverts in the Puyallup watershed have been used to rank projects for the 2000 construction season. After prioritization has been completed, the top ten barrier culverts will be addressed and preliminary design work will be completed. The prioritized list will also be available for Enhancement Groups, Conservation Districts, Cities, Counties, and other entities to use as a project list from which to work.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
00-1811	WA IAC	Jefferson Co Public Works	Big Quilcene R. Linger Longer Fea. Study	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$42,500.00	\$0.00	Puget Sound

Project Description
<p>The Big Quilcene River Linger Longer Feasibility Study will assess the viability/feasibility of projects identified by multi-agency staff and community members in the Summer Chum Salmon Conservation Initiative & Big Quilcene Comprehensive Flood Plan. They identify remedies and habitat recovery recommendations to be assessed and prioritized in the proposed study. Potential remedies to be evaluated are purchasing riverfront properties from willing sellers, subsequent dike setbacks, extending or lengthening the Linger Longer Bridge, and constructing a designed floodway. The study will produce an evaluation of remedies and a prioritized project list leading to and forming the basis for habitat restoration projects within the study area. The proposed study area is in summer chum spawning grounds. The channel is narrowly diked with little channel complexity and unstable spawning gravel. It routinely experiences flooding events, causing chum redd scouring/burying and out of channel flow. Also, the delta has been aggrading, adversely affecting the estuary used by summer chum and chinook for migration and feeding. The generally poor habitat condition adversely impacts spawning, incubation, juvenile rearing and migration life stages for summer chum, coho, steelhead and cutthroat trout. This study provides the assessment needed to address limiting factors in the proper sequence and to the proper extent and leads to the next steps of project design and construction.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
99-1741	WA IAC	Conservation Commission	Conservation District Activities: 01-08	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 22-AUG-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$824,910.58	Washington - Statewide

Project Description
Assist in the protection and restoration of Puget Sound by funding conservation districts' projects that address the priority issues and actions that are detailed in the 1999-2001 Puget Sound Water Quality Work Plan

Project Ref	Grantee	Subgrantee	Project Name	State
99-1749	WA IAC	Fish & Wildlife Dept of	Engineering Services 01-013	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-SEP-99 - 18-OCT-00	Watershed and Sub-basin Planning and Assessment	\$0.00	\$8,222.32	Washington - Statewide

Project Description
Provide pre-design and engineering services for project development, including project inventory and selection, functional design, preliminary permitting and cost estimates. SSHEAR targets high priority, high risk projects beyond the normal capability of most local agencies.

Project Ref	Grantee	Subgrantee	Project Name	State
WA DNR IAC 161	WA IAC	Washington Department of Natural Resource	Forests and Fish Agreements - DNR Forest Practices Permit System	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-JUN-00 - 30-JUN-03	Watershed and Sub-basin Planning and Assessment	\$949,000.00	\$0.00	Washington

Project Description
Improve the publics ability to review and comment on proposed forest practice activities on private and state forest land (Forest practices application review system)

Project Ref	Grantee	Subgrantee	Project Name	State
WA DNR IAC 161	WA IAC	Washington Department of Natural Resource	Forests and Fish Agreements - DNR GIS Forest Roads Layer	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-JUN-00 - 30-JUN-03	Watershed and Sub-basin Planning and Assessment	\$309,000.00	\$0.00	Washington

Project Description
Build an accurate, up-to-date geographic information system to show forest roads on private and state forest land to track landowners' commitments to reduce sedimentation

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
WA DNR IAC 161	WA IAC	Washington Department of Natural Resource	Forests and Fish Agreements - DNR GIS Hydrography Data Layer	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-JUN-00 - 30-JUN-03	Watershed and Sub-basin Planning and Assessment	\$1,408,000.00	\$0.00	Washington

Project Description
Build an accurate, up-to-date geographic information system to show streams and fish habitat on private and state forest land so fish habitat is better protected and monitored

Project Ref	Grantee	Subgrantee	Project Name	State	
WA DNR IAC 161	WA IAC	Washington Department of Natural Resource	Forests and Fish Agreements - DNR Hazard Zonation Mapping	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-JUN-00 - 30-JUN-03	Watershed and Sub-basin Planning and Assessment	\$55,082.00	\$0.00	Washington

Project Description
Map unstable slopes to reduce landslides into streams resulting from forest practices ("hazard zonation" mapping)

Project Ref	Grantee	Subgrantee	Project Name	State	
WA DNR IAC 161	WA IAC	Washington Department of Fish and Wildlife,	Forests and Fish Agreements - Forest and Fish Implementation (WA D	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-JUN-00 - 30-JUN-03	Watershed and Sub-basin Planning and Assessment	\$631,000.00	\$0.00	Washington

Project Description
Support start-up and other costs for field staff in DNR and WDFW to assist landowners in implementing and ensuring compliance with the new forest practice rules

Project Ref	Grantee	Subgrantee	Project Name	State	
99-1747	WA IAC	Natural Resources Dept of	Jobs for Environment: 01-016	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 22-MAY-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$2,641,289.18	Washington - Statewide

Project Description
Provide resources to DNR for the funding of their Jobs for the Environment program. The JFE shall award and administer grants for watershed restoration. Entities eligible to apply for the watershed restoration grants include: state and local govts; Tribes and non-profit organizations. These eligible entities shall utilize displaced natural resource workers to carry out the work.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
99-1740	WA IAC	Lower Columbia Fish Recov Bd	L.Columbia Fish Recovery Bd: 01-09	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 25-JUN-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$480,000.00	Washington - Statewide

Project Description

Expand the existing organizational infrastructure to assure appropriate federal, tribal, state and local participation in the development of (1) draft regional fish recovery goals, strategies and priorities; (2) assessment of fish stock and habitat status of fish species listed or proposed for listing under the ESA in the lower Columbia Region; (3) a draft overview of factors limiting recovery of each species in the region and a draft assessment of habitat conditions limiting recovery; and (4) a draft watershed action plan for fish recovery.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1628	WA IAC	Fish & Wildlife Dept of	Lead Entity (WDFW) 01-050	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	22-JUN-00 - 01-NOV-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$139,105.75	Washington - Statewide

Project Description

This project will provide operations and maintenance funding to four new lead entity areas statewide. Operations and maintenance is defined as salary for lead entity coordinators, office administrative support, office space rentals, meeting room rentals, phones, computers, travel, postage and other related costs. The four new lead entities include Pend Oreille Conservation District, Foster Creek Conservation District, San Juan Conservation District and a co-managed lead entity comprised of Yakima County, the Yakama Tribe and the City of Selah. Lead entities funded under this agreement are responsible for establishing a citizen-based committee, coordinating with the various salmonid habitat interests, creating a habitat project list and developing a habitat work schedule. The Statement of Work is described in Attachment A

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1881	WA IAC	Grays Harbor County of	Lower Chehalis River Basin Riparian Vege	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	12-FEB-01 -	Watershed and Sub-basin Planning and Assessment	\$60,900.00	\$0.00	Washington Coastal

Project Description
<p>This assessment will identify riparian vegetation conditions in the Humptulips, Hoquium, Wishkah, Wynoochee, and Middle & East Forks Satsop Rivers where no watershed analysis has been conducted. E/W Forks Humptulips and W. Fork Satsop Rivers are not included, since riparian modules exist from 1995 and 1999 Watershed Analyses. Limiting Factors Analyses completed on the Humptulips, Satsop and Wynoochee River watersheds. Riparian vegetation conditions would be identified for all fish bearing tributaries (Type 1-4) in each subbasin following protocol for Riparian Assessments in Standard Methodology for Watershed Analysis (WA Forest Practices Board, Version 4.0, 1997). A Forestry Consultant will identify riparian conditions using aerial photo interpretation, ground truth representative riparian condition units, and develop the GIS database for riparian conditions and canopy closure. Digitizing the database and GIS map products will be completed by the NWIFC GIS Specialist, under contract to the WA Conservation Commission. The assessment will characterize riparian conditions in the key salmon and steelhead producing sub-basing of the Lower Chehalis River, and assist in identifying effective riparian restoration projects. The completed assessment will become part of the NWIFC-SSHAP database.</p>

Project Ref	Grantee	Subgrantee	Project Name	State	
99-1748	WA IAC	Fish & Wildlife Dept of	Lower Columbia FRB: 01-19	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 21-SEP-00	Watershed and Sub-basin Planning and Assessment	\$0.00	\$20,000.00	Washington - Statewide

Project Description
Provide lead-entity funding for the Lower Columbia Fish Recovery Board

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1634	WA IAC	Trout Unlimited Icicle Vly	Lower Icicle Reach-Level Assessment	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	02-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$40,375.00	\$0.00	Upper Columbia

Project Description

This proposal is for a reach-level assessment of the lower reach of Icicle Creek, which extends from the confluence with the Wenatchee River to the Leavenworth National Fish Hatchery (LNFH; 2.8 river miles). This reach is utilized by chinook, steelhead, sockeye, and bull trout, and is the focus of coho reestablishment efforts by the Yakama Nation. Current floodplain use includes pasture and increasing residential development. Existing information includes watershed assessments, a limiting factors analysis, and biological and geomorphological/hydrological studies associated with the proposed restoration of the historic channel (River Mile 2.8-3.8) at LNFH. The primary data gap remains the lack of a reach-level assessment of physical processes on the lower reach. We propose to perform an assessment of lower Icicle Creek, using a protocol similar to that described by Rosgen as a Level 3 analysis, and synthesize data obtained together with existing information to develop a restoration and protection strategy for the reach. Proposals for restoration on this reach have been rejected previously by SRFB due to a lack of supporting information on reach-level processes. A major habitat acquisition in this reach was funded by the SRFB, and potential restoration of that habitat will be impeded without the proposed assessment. Completion of the assessment, and a restoration and protection strategy, will facilitate coordinated efforts to restore floodplain function in the lower Icicle.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1840	WA IAC	Maxwelton Salmon Adventure	Maxwelton Estuary & Fish Passage Study	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-01 -	Watershed and Sub-basin Planning and Assessment	\$106,675.00	\$0.00	Puget Sound

Project Description

The Maxwelton Salmon Adventure (MSA), a nonprofit organization with the goal of restoring salmon runs in Maxwelton Creek, is seeking funding for a feasibility study to identify alternatives for re-establishing an estuary and improving fish passage into the creek. The study will examine historic conditions, the current state of the estuary and tide gate system and the resulting impacts on fish passage, habitat, siltation of the lower reach, and effects on the nearshore environment. In an effort to explore alternatives that benefit salmon and the local community, MSA is working in cooperation with Diking District #2 and local landowners to develop the feasibility study. A thorough study will provide a basis for members of the community to identify mutually acceptable alternatives and to seek future funding to implement chosen alternatives. Maxwelton Creek, at the south end of Whidbey Island, is the largest sub-basin in WRIA 6 and has a long history of salmonid use. In the early 1900's the estuary was converted to agricultural use and tide gates installed at the mouth. Tide gate modifications in 1990 have resulted in negligible returns despite 8+ years of planting chum and coho in the creek. Recent out-migrating smolt counts show Maxwelton is supporting Coho year round. The WRIA 6 Limiting Factors Analysis recommends reestablishment of the historic estuary and lists access as a major factor in Maxwelton, calling the tide gates "the most serious problem."

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
99-1743	WA IAC	Fish & Wildlife Dept of	Monitor. Restor. (SSHIAP): 01-011	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 15-OCT-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$982,452.80	Washington - Statewide

Project Description
Provide WDFW with funding for continued data acquisition, integration and internet access of data for the Salmon and Steelhead Habitat Inventory and Assessment Project (SSHIAP).

Project Ref	Grantee	Subgrantee	Project Name	State
00-1863	WA IAC	Pierce Co Conservation Dist	Nisqually Fish Passage Inventory Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-01 -	Watershed and Sub-basin Planning and Assessment	\$57,240.00	\$0.00	Puget Sound

Project Description
This project will inventory, assess and prioritize potential barriers to fish passage on streams in the Nisqually River watershed. This will include culverts, dams, and identifying potential oxbow and wetland reconnections. The project will determine which structures are presently restricting fish passage, and prioritize these structures for repair using WDFW barrier assessment and stream survey protocol. Fish passage barriers on both private and public lands will be included. The Pierce Conservation District will utilize its existing barrier database (Microsoft Access) to organize data such as location information, physical measurements, barrier status, digital site photos and prioritization information. GPS data will be collected and used to generate GIS maps showing site locations and barrier status of structures. GIS data and information from the database will be integrated into SSHIAP and the WDFW fish passage barrier database. The Pierce Conservation District has successfully completed an identical inventory of the Puyallup River watershed and key and Gig Harbor Peninsulas (east WRIA 15). The District has trained staff, equipment and computer database needed to complete an inventory for the Nisqually. The database created for the Puyallup watershed has been used to identify and prioritize projects that were implemented this year. All data collected, including the database and GIS, will be distributed via hard copy and on CD-ROM to all interested parties.

Project Ref	Grantee	Subgrantee	Project Name	State
99-1742	WA IAC	AWISH	People for Salmon: 01-010	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 31-JAN-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$799,993.58	Washington - Statewide

Project Description
Through a program called People for Salmon, to actively and broadly involve the public, business, industry, tribes, property owners, non-profits and others in community-based salmon recovery projects throughout the state by facilitating the creation of partnerships and by providing a framework of training, coordination and dollar and in-kind assistance.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
99-1746	WA IAC	Fish & Wildlife Dept of	Reduce By-Catch: 01-015	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 06-APR-00	Watershed and Sub-basin Planning and Assessment	\$0.00	\$50,000.00	Washington - Statewide

Project Description
Monitoring of sport fisheries that have been established under selective fishing rules. WDFW will use this information to evaluate the efficacy of the selective fishery tool to minimize impacts on listed salmonids; and allow design of improvements of future fisheries.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1844	WA IAC	Island County of	Salmon Supporting Creek Inventories	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 -	Watershed and Sub-basin Planning and Assessment	\$155,000.00	\$0.00	Puget Sound

Project Description
The purpose of the project is to obtain information required for the restoration of Island County's three salmon supporting creeks (Maxwelton-Coho, Glendale-Coho/Chum and Chapman-Chum). The project is three fold in nature including: creek inventories, creek restoration plans and culvert assessments, and preliminary designs and cost estimates. The creek inventories will assess the quantity and quality of fish habitat in each creek system. The inventories will identify fish habitat and water quality concerns including fish passage barriers, hydrologic modifications, riparian conditions and upslope land management. These inventories will be used as a foundation for the development of a Creek Restoration Plan for each system. These plans will be used in conjunction with the Watershed Stewardship program, which provides technical assistance to landowners for water quality protection and restoration projects. The county culverts in each of these three watersheds will be assessed for fish passage and drainage functionality. Preliminary design plans, recommendations for final design and cost estimates will be developed for each county culvert on these systems. The cost estimates will be used to adequately budget for the future culvert replacements. The preliminary design plans will be used as a foundation for discussion with the WDFW for the conditions required for the final design.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1262	WA IAC	Fish & Wildlife Dept of	Screen Enhancement (01-033)	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 24-JUL-01	Watershed and Sub-basin Planning and Assessment	\$0.00	\$1,700,000.00	Washington - Statewide

Project Description
To provide funds for project scoping, which includes biological assessment, project option assessment, preliminary design, development of project scope, cost estimation, vicinity mapping, initiation of permits and access agreements, and inventories.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1854	WA IAC	Burien City of	Seahurst Park Bulkhead Alt. Analysis	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-JAN-01 - 22-APR-03	Watershed and Sub-basin Planning and Assessment	\$82,000.00	\$0.00	Puget Sound

Project Description

The City of Burien is initiating this study to determine the feasibility of removing all or part of the Seahurst Seawall & restoring as much shoreline, nearshore, estuarine & stream habitat within Seahurst Park to its natural biological processes as possible. Restoring the shoreline will improve the park for aquatic life, particularly the listed Chinook salmon, while preserving the recreational uses. The study will encompass Seahurst Park, & may include the entire drift cell if necessary. It will be completed during 2001 with construction to be phased over several years. The immediate benefits will be concept level plans & cost estimates. Long-term benefits include restoring up to a mile of marine shoreline to healthy nearshore salmon habitat. Project Objectives * Produce an analysis that documents existing species, habitat, biological functions & recreation * Provide alternatives for restoring the shoreline while preserving recreation * Propose a phased implementation plan. Project Activities * Establish baselines for species, habitats, recreation & existing construction * Identify desirable improvements to the various habitats * Develop design alternatives that improve habitats & preserve recreation * Develop capital cost estimates * Hold public meetings to explain options & gain support * Develop a phased construction plan Project Supporters * The Army Corps of Engineers * Central Puget Sound Watershed Forum, Nearshore Technical Co.

Project Ref	Grantee	Subgrantee	Project Name	State
99-1745	WA IAC	Fish & Wildlife Dept of	Selective Harvesting: 01-014	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-99 - 01-NOV-01	Watershed and Sub-basin Planning and Assessment	\$0.00	\$48,901.47	Washington - Statewide

Project Description

Develop new harvesting gear, techniques and equipment to improve the capacity of Washington's salmon fisheries to release those species and stocks of fish and wildlife that need increased protection as a result of ESA listings.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1803	WA IAC	Hood Canal Coor Council Inc	Summer Chum ESU Habitat Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	16-MAR-01 - 13-MAY-03	Watershed and Sub-basin Planning and Assessment	\$63,750.00	\$0.00	Puget Sound

Project Description

We propose the design of a summer chum ESU-wide habitat project effectiveness monitoring program. The aim is to "sum up" information at the summer chum ESU level and begin to assess the overall positive effects from projects on the habitat that summer chum use throughout all of their life stages. This project is intended to "fit" in between the upper NMFS/USFWS/State/Tribal monitoring goals level and the local watershed based/project sponsor monitoring data level. It will assist with and build upon local project sponsor implementation monitoring and other localized monitoring and "sum it up" into an overall picture. It will also marry its information up to efforts being developed at the GSRO (SWIM project), ISP monitoring structure level, and the NMFS Chinook ESU and USFWS bull trout DPS levels. Specifically it will begin: (1) assessing existing habitat data, (2) identifying missing habitat data, (3) designing a monitoring regime for missing data, (4) building a "baseline" habitat picture, (5) measuring habitat improvements from baseline through current projects, (6) researching habitat quantification measures, and (7) assisting with strategy implementation (and correction) from an adaptive management perspective. The habitat information aggregated at the summer chum ESU level will also be applicable, in conjunction with the other factors for decline (escapement levels, predation, ocean conditions, hatchery stock competition, etc.) in assessing summer chum recovery.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1674	WA IAC	Yakama Nation	Swale Creek Restoration Assessment	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	02-APR-01 - 06-AUG-02	Watershed and Sub-basin Planning and Assessment	\$14,954.00	\$0.00	Middle Columbia

Project Description

Swale Creek is a major tributary to the Klickitat River in south-central Washington, draining over 70,000 acres of primarily agricultural and range land, ponderosa pine/white oak transitional forests, and remnant wetlands. An abandoned railroad bed constructed within creek channel and floodplain, exists along a ten-mile length of creek. The Swale Creek Restoration Project/Phase One: Railroad Bed Assessment will provide the plan to continue the steelhead trout recovery program in the top priority Klickitat River tributary (as ranked by the Klickitat County Technical Advisory Committee, Yakama Nation Fisheries, and Citizen Review Committee). The project includes an engineer's analysis and projected costs on the key locales along the railroad bed that need to be eliminated or changed to allow for channel connectivity and restoration of riparian function. The assessment will occur within the ten-mile Swale Creek Project area, from the Harms Road Bridge to the Klickitat River. There are currently 13 identified steelhead redds in lower Swale Creek. The project's ultimate goal is to expand steelhead spawning and rearing habitat throughout the ten mile Swale Creek riparian area. Project cooperators include: Yakama nation, Washington Department of Fish and Wildlife, Northwest Service Academy, USFS-Columbia River Gorge Scenic Area, and Washington State Parks. The project is scheduled for spring-summer 2001.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
00-1829	WA IAC	Concurrent Technologies Corp	WRIA 16 Salmonid Refugia Study, Ph 2	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-01 -	Watershed and Sub-basin Planning and Assessment	\$94,995.00	\$0.00	Puget Sound

Project Description

Concurrent Technologies Corporation (CTC), a non-profit organization, is applying for two (2) identical grants from SRFB (one for WRIA 14 and one for WRIA 16). The study outlined within this application is considered Phase 2 of a study already begun by CTC and funded by Mason County in WRIAs 14 and 16. Almost half of the funding for Phase 1 (\$20,000) will be used as the matching contribution for this grant (\$95,000). The study methodology outlined below originated with Dr. Chris Frissell of the University of Montana and was adapted by CTC for the Kitsap Peninsula (WRIA 15) salmonid refugia study. This study will identify critical salmonid habitat (refugia) surrounding the streams within WRIA 16 and rank the refugia by salmonid habitat suitability. Species addressed with this project include both resident and anadromous trout as well as anadromous salmon. Phase 1 of the study, to be completed by 12/31/2000, will identify and assess the quality/utility of pertinent digital data layers as well as include gathering preliminary field data. Phase 2, this proposal, will utilize the data from Phase 1 to identify the refugia, assess habitat quality both at an instream and landscape level and create and run a habitat suitability model. Partners will include the Skokomish Tribe, Squaxin Island Tribe, Mason County, Point No Point Treaty Council, local biologists and others. Phase 2 work will be completed by 12/31/2001.

Project Ref	Grantee	Subgrantee	Project Name	State
00-1816	WA IAC	Jefferson County of	WRIA 17 Salmonid Refugia Study	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$85,125.00	\$0.00	Puget Sound

Project Description

Jefferson County and its contractors will complete a study of the stream, estuarine and nearshore salmonid habitat in Jefferson Co. This study will identify critical salmonid habitat (refugia) surrounding the streams within WRIA 17 and rank the refugia by salmonid habitat suitability. Species addressed with this project include resident and anadromous trout, as well as salmon. This project will identify the refugia, assess habitat quality, both at the instream and landscape level, and create and run a habitat suitability model. Partners will include all affected tribes, WDFW, local biologists and others. Work for this project will be completed by 12/31/2001. The refugia study will follow the methodology of two other studies within the Hood Canal conducted in WRIA 15 and WRIA 16. The study methodology originated with Dr. Chris Frissell of the U. of Montana and was adapted by CTC for the Kitsap Peninsula (WRIA 15) salmonid refugia study. The study will address habitat usage by each species of salmonid, condition of the habitat using key indicators, and priorities for conservation, enhancement and restoration. All salmonids will be addressed in this study. Specific salmonid stocks that will benefit include threatened Hood Canal summer chum and Puget Sound chinook salmon, and stocks that have been identified as depressed, including coho salmon and steelhead trout. The data will be useful for land use decisions, restoration and protection strategies, and recovery in Hood Canal.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-1889	WA IAC	Willapa Bay RFEG	WRIA 24 Fish Habitat Assess Prgrm 2001/2	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	16-MAR-01 - 12-JUN-02	Watershed and Sub-basin Planning and Assessment	\$126,911.00	\$0.00	Washington Coastal

Project Description					
<p>Because of past anthropomorphic activity, WRIA 24 has become degraded. Land use practices have resulted in increased sediment input into key basin streams. The Nema and Naselle Rivers in particular are impacted. It is clearly understood that a variety of natural instream processes (LWD, pool and riffles, bank stability, floodplains, etc.) contribute to the ecosystem health of instream habitats. These elements sustain properly functioning ecosystems and maintain biodiversity for salmon and trout in the freshwater environment. In particular, they maintain and facilitate the natural role of sediment in stream channels. Alterations in these ecological processes can negatively and severely affect salmonid rearing and spawning habitat. In WRIA 24, the alteration of sediment function in streams is the most pervasive factor limiting salmon recovery; therefore, we propose a systemic and systematic approach to evaluating the relative condition of physical processes controlling sediment levels in streams. This program will include an explicit, scientifically based assessment of physical instream structure and channel composition influencing the delivery, transport, mobilization, recruitment and storage of stream materials. The assessments will be done in coordination with ongoing efforts of local, state, and federal government and private entities. The outcome from these investigations will be a set of recommended strategic projects for subsequent of SRFB funding.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
03-1179	WA IAC	Fish & Wildlife Dept of	Marking & Tagging System (MATS) Purchase	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	23-JUN-03 -	Salmon Enhancement	\$1,527,195.00	\$0.00	Washington - Statewide

Project Description					
<p>Congressional legislation in 2003 authorized funds for the Washington Department of Fish and Wildlife to purchase two automated fish marking and tagging systems (MATS). Under this legislation all juvenile salmon produced by federally funded entities are to be mass marked with an adipose fin clip if intended for harvest. These MATS, which are able to mark and/or tag 30,000-35,000 fish per 8 hour shift, will help Washington comply with this legislation.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
02-1017	WA IAC	Fish & Wildlife Dept of	Marking and Tagging System	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-02 - 22-JAN-03	Salmon Enhancement	\$1,000,000.00	\$0.00	Washington - Statewide

Project Description					
<p>The Department of Fish and Wildlife will purchase two automatic marking and tagging trailers. The machines will be used to mass mark and/or apply coded wire tags on hatchery fish, where applicable. The machines provide an easy way to apply marks and/or tag fish that does not cause significant fish mortality and lasts for the five-year life cycle of chinook salmon. The tagging will be visible to fishers. The trailers containing the marking and tagging systems will be moved from hatchery to hatchery.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
WA DNR IAC 120	WA IAC	Washington Department of Natural Resource	Forests and Fish Agreements - Adaptive Management	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	29-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$3,257,000.00	\$0.00	Washington

Project Description
Conduct research related to new forest practices rules in support of the Forests and Fish Adaptive Management Program

Project Ref	Grantee	Subgrantee	Project Name	State	
WA DNR IAC 120	WA IAC	Washington Department of Ecology	Forests and Fish Agreements - Forest and Fish Implementation (Ecolo	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	29-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$197,000.00	\$0.00	Washington

Project Description
Ecology will implement and evaluate and monitoring program designed to measure the effectiveness of the rules at large spatial scales

Project Ref	Grantee	Subgrantee	Project Name	State	
WA DNR IAC 131	WA IAC	Washington Department of Ecology, Washin	Forests and Fish Agreements - Adaptive Management	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	25-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$3,612,000.00	\$0.00	Washington

Project Description
Conduct research related to new forest practices rules in support of the Forests and Fish Adaptive Management Program

Project Ref	Grantee	Subgrantee	Project Name	State	
WA DNR IAC 119	WA IAC	Washington Department of Ecology, Washin	Forests and Fish Agreements - Adaptive Management	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-AUG-01 -	Salmon Research, Monitoring, and Evaluation	\$1,701,000.00	\$0.00	Washington

Project Description
Conduct validation and effectiveness monitoring and research related to new forest practices rules in support of the Forests and Fish Adaptive Management program

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
WA DNR IAC 161	WA IAC	Washington Department of Ecology, Washin	Forests and Fish Agreements - Effective Monitoring	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-JUN-00 - 30-JUN-03	Salmon Research, Monitoring, and Evaluation	\$603,000.00	\$0.00	Washington

Project Description
 Monitor the effectiveness of the new forest and fish rules to protect salmon habitat and adaptive management to improve protection as needed

Project Ref	Grantee	Subgrantee	Project Name	State
03-admn	WA IAC		Pacific Coast Salmon Recovery Fund Program Coordination and Admin	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-OCT-02 - 30-SEP-03	Program Administration	\$964,608.00	\$0.00	Washington - Statewide

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
02-admn	WA IAC		Pacific Coast Salmon Recovery Fund Program Coordination and Admin	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-01 - 30-SEP-02	Program Administration	\$1,014,000.00	\$0.00	Washington - Statewide

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
01-admn	WA IAC		Pacific Coast Salmon Recovery Fund Program Coordination and Admin	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-00 - 30-SEP-01	Program Administration	\$357,000.00	\$0.00	Washington - Statewide

Project Description

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
00-admn	WA IAC		Pacific Coast Salmon Recovery Fund Program Coordination and Admin	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-99 - 30-SEP-00	Program Administration	\$178,500.00	\$0.00	Washington - Statewide

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
Siletz - 05	Siletz	Siletz Tribes	Post-Treatment Salt Marsh Restoration Fish Community Analysis	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-APR-04 -	Watershed and Sub-basin Planning and Assessment	\$40,000.00	\$0.00	Northern Oregon Coastal

Project Description

Pretreatment Salt Marsh Restoration Fish Community Monitoring. Monitor a series of pretreatment, treatment and reference marshes for fish community assessment.

Project Ref	Grantee	Subgrantee	Project Name	State	
Siletz - 06	Siletz	Siletz Tribes	Siletz Basin Limiting Factors Analysis	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-APR-04 -	Watershed and Sub-basin Planning and Assessment	\$20,000.00	\$0.00	Northern Oregon Coastal

Project Description

55 Mile Mainstem Siletz River Juvenile Spatial Rearing Pattern Analysis

Project Ref	Grantee	Subgrantee	Project Name	State	
Siletz - 03	Siletz	Siletz Tribes	Pre-Treatment Salt Marsh Restoration Fish Community Analysis	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$80,000.00	\$0.00	Northern Oregon Coastal

Project Description

Pretreatment Salt Marsh Restoration Fish Community Monitoring. Monitor a series of pretreatment, treatment and reference marshes for fish community assessment.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
Siletz - 04	Siletz	Siletz Tribes	Siletz Basin Limiting Factors Analysis	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$20,000.00	\$0.00	Northern Oregon Coastal

Project Description
55 Mile Mainstem Siletz River Juvenile Spatial Rearing Pattern Analysis

Project Ref	Grantee	Subgrantee	Project Name	State
Siletz - 02	Siletz	Siletz Tribes	Salt Marsh Restoration - Fisheries	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 - 01-SEP-02	Watershed and Sub-basin Planning and Assessment	\$71,250.00	\$0.00	Northern Oregon Coastal

Project Description
Salt marsh restoration-Fisheries Map, describe spatially explicit salmonid densities across estuarine system - both future restoration and reference sites

Project Ref	Grantee	Subgrantee	Project Name	State
Siletz - 01	Siletz	Siletz Tribes	Salt Marsh Restoration - Habitat	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 - 01-SEP-01	Watershed and Sub-basin Planning and Assessment	\$47,500.00	\$0.00	Northern Oregon Coastal

Project Description
Salt marsh restoration-Habitat. Map, describe spatially explicit habitats across estuarine system - both restoration and reference.

Project Ref	Grantee	Subgrantee	Project Name	State
Siletz-Admin-200	Siletz	Bureau of Indian Affairs	Grant Administration Costs	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Program Administration	\$3,750.00	\$0.00	Northern Oregon Coastal

Project Description

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
Siletz-Admin-200	Siletz	Bureau of Indian Affairs	Grant Administration Costs	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	-	Program Administration	\$2,500.00	\$0.00	Northern Oregon Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Habitat-01a	Shoshone-Bannock	Fred Auck	SBT - Salmon Habitat Restoration - 01	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$79,000.00	\$0.00	Salmon

Project Description

Funds are needed to continue the habitat and production activities initiated with the previous year's funds. Providing the additional funds will allow habitat and production projects to continue while the tribal program develops its capacity to utilize a larger share of the Columbia Basin PCSRF in the future.

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Habitat-05	Shoshone-Bannock	Blaine J. Edmo	SBT-Habitat-Beaver Creek-Fence	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$11,766.00	\$0.00	Salmon

Project Description

Construct riparian protection/restoration fencing and plant vegetation (primarily willows and shrubs) on approximately one mile of Beaver Creek (near main Salmon River headwaters). This area is of prime importance to spring chinook salmon rearing and spawning.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Habitat-08	Shoshone-Bannock	Blaine J. Edmo	SBT-Habitat-East Fork South Fork-Fish Barrier	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$3,880.00	\$0.00	Salmon

Project Description

Assist with removing the fish passage barrier above Glory Hole on the East Fork South Fork Salmon River. The barrier is a result of mining activity with the Stibnite Mine near Yellowpine, Idaho in the 1930's and 40's diverting the river around the pit. The pit where the barrier is now in the middle of the river and is now a cascade of boulders preventing upstream fish passage. The Idaho Department of Environmental Quality presently is proposing this action in cooperation with the IDFG and OSC through the NPPC Fish and Wildlife Program (using BPA funds). The issue has become time sensitive because the mine is being put to bed and in three years the use of heavy equipment will preclude this action. Plus, with increased runs into the South Fork Salmon River over the past decade, hatchery outplantings of adult Snake River chinook salmon into areas above the Glory Hole barrier have been accomplished through cooperative efforts of the IDFG, NMFS, NPT and SBT. The adult outplants have resulted in successful spawning and juvenile fish production, and the removal of the adult fish barrier will allow returning progeny of those outplants to return to the re-opened area and supplement natural production.

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Habitat-07	Shoshone-Bannock	Blaine J. Edmo	SBT-Habitat-Herd Creek-Fish Screen	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$30,798.00	\$0.00	Salmon

Project Description

Design and install a regulated headgate and fish-friendly diversion hard-point at Herd Creek 3 diversion with the fish passage, engineering and hydrology personnel from the NMFS, BLM, IDFG, and Custer County Soil and Water Conservation Service. Presently, there is no headgate, and push-up dams are constructed annually creating a fish passage impediment and barrier to Herd Creek, which is a significant producer of Snake River spring/summer chinook and steelhead.

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Habitat-03	Shoshone-Bannock	Blaine J. Edmo	SBT-Habitat-Lemhi River/main Salmon-Plant Vegetation	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$20,778.00	\$0.00	Salmon

Project Description

Plant vegetation (primarily willows) to jump-start riparian recovery to provide thermal cover and bank stabilization in areas that the Lemhi Model Watershed effort has constructed riparian protection fence projects. Preliminarily, approximately two miles in the Lemhi River that are presently being fenced, and about a quarter-mile of the main Salmon River north of Salmon, Idaho are prime candidates for this activity. Another potential is to provide vegetative plantings for three new Confined Animal Feedlot Operations in the Salmon, Idaho area, to provide bank stabilization and to perhaps move towards nutrient overloading control.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Habitat-04	Shoshone-Bannock	Blaine J. Edmo	SBT-Habitat-Lower Stanley-Fence	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$15,145.00	\$0.00	Salmon

Project Description

Construct approximately 1.5 miles of riparian protection/restoration fence on the main Salmon River between Valley Creek and the town of Lower Stanley and plant associated vegetation (primarily willows and Douglas fir and cottonwoods) to provide bank stabilization and thermal cover. This main Salmon River reach, especially the areas next to its banks, is important rearing habitat primarily for spring chinook salmon. This project will also potentially provide improved water quality (primarily decreased temperatures and decreased sediment loading from excluding cattle grazing) for the main Salmon River downstream of the site.

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Habitat-10	Shoshone-Bannock	Blaine J. Edmo	SBT-Habitat-Panther Creek-Restoration Plan	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$15,828.00	\$0.00	Salmon

Project Description

Conduct a feasibility study and plan for restoration of Snake River spring/summer chinook salmon and steelhead in the Panther Creek watershed. The watershed has been replete with mining disasters from the Blackbird and Beartrack mines that have rendered the water quality unacceptable to anadromous fish for the past couple of decades. A Settlement Agreement between the NMFS, IDFG, mining company(ies) and USFS has resulted in water quality improvements to the point where over 45 Snake River spring/summer chinook salmon redds were counted in 2001 resulting from adult outplants from the South Fork Salmon River rack. A feasibility plan detailing goals, biological objectives, and actions to re-introduce and recover anadromous fish production in this once significant watershed would be accomplished.

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Habitat-01	Shoshone-Bannock	Blaine J. Edmo	SBT-Habitat-Slate Creek-Assessment/Feasibility Study	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$35,838.00	\$0.00	Salmon

Project Description

Conduct a watershed assessment of the present condition and habitat damage and develop a feasibility plan for mitigating the impacts of the 1997 landslides caused by abandoned mines in Slate Creek. Due to the 1997 blowout, the middle three to five miles of stream now has a foot-deep layer of hardened mud substrate that needs removed. Following removal, construction of riparian protection fencing to exclude grazing, and planting vegetation to stabilize the banks and providing thermal cover, combined with possible construction of gabions and log- and rock jams to recruit gravel substrate could restore this valuable spawning and rearing habitat. The assessment and feasibility plan for restoration of the 1997 blowout will enable remedial actions for those problems to be carried out with FY 2002 funds, the feasibility study will also assess mitigation actions required to stabilize the abandoned mine preventing future excessive erosion and sediment loading. Reclamation of the abandoned mine will probably entail a more costly and longer term solution.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Habitat-06	Shoshone-Bannock	Blaine J. Edmo	SBT-Habitat-Smiley Creek-Assessment/Feasibility Study	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$3,880.00	\$0.00	Salmon

Project Description

Conduct a watershed assessment of present damage and determine the feasibility of correcting the problem of the severely downcut lower reach (approximately one mile - which is dewatered) of Smiley Creek. The middle stretch (approximately 2 miles) is a relatively healthy meandering C-channel that mayor may not need fencing. The abandoned mine at the headwaters presents unstable conditions similar to the Slate Creek mine (a big-time blowout waiting to happen) and the feasibility study will determine possible solutions to stabilizing the old mine.

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Habitat-09	Shoshone-Bannock	Blaine J. Edmo	SBT-Habitat-South Fork Salmon River-	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$3,880.00	\$0.00	Salmon

Project Description

Assist the USFS with re-establishing a cut-off oxbow meander in the South Fork Salmon River at Reed Ranch. The meander was caused by a rain-on-snow event approximately 30 years ago. The breach is on private land (Browns Industries) and if the oxbow can be re-watered it would provide significant prime spawning habitat, decreased sediment loading and decreased stream channel undercutting below the cut-off meander. The USFS has been attempting a resolution to this issue for many years, and could involve a land transfer between the South Fork Salmon River Reed Ranch and lands at the base of Brundage Ski Area (Browns Industries).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Habitat-02	Shoshone-Bannock	Blaine J. Edmo	SBT-Habitat-Upper Salmon Basin-Dewatered Tributary Feasibility Stud	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$33,585.00	\$0.00	Salmon

Project Description
<p>Conduct a feasibility study to identify the problems and causes (either natural or irrigation) of dewatered tributary streams in the upper Salmon Basin (from Morgan Creek to the Salmon River headwaters; e.g., Morgan, Challis, Bayhorse, Thompson, Kinnikinic, Squaw, Elk, Gold, Williams, Fourth of July, Champion, Beaver, Pole, Smiley, Frenchman creeks). If these creeks are dewatered by irrigation, investigate alternatives with the NMFS and IDFG to evaluate and identify opportunities to get water back into the tributaries for riparian and spawning habitat improvement while creating improved irrigation efficiency (buy-outs, switch to pumps, improve efficiency) and connecting those tributaries to the mainstem. Work with the experts in NMFS, USFS, IDFG, local residents, and others, to determine the need for and designs of irrigation improvements (screens, water rentals, conversion to pump irrigation, etc.). Reconnection would de-fragment habitat, improving ecosystem function, and may help reduce water temperatures downstream in the main Salmon and would provide access to adult and especially juvenile salmon and steelhead. These creeks provide a valuable and significant role as temperature refuges for juvenile anadromous fish. Preliminary observations indicate that the majority of the problems in the tributaries below Valley Creek occur in the bottom quarter to half mile of each creek. Thus, in six creeks (Morgan to Squaw) where the problem is near the creek mouth, only a total of one to three miles of creek would be re-watered; however, over more than 40 miles of rearing habitat would be reconnected. Conversely, the Valley Creek tributaries (Elk and Gold creeks) and above (Williams to Frenchman creeks) - referred to as the headwaters of the Salmon River - are replete with a myriad of de-watering problems, both natural and irrigation. This maze of irrigation ditches that cross, re-cross and connect to each other are not presently a high priority to the IDFG screen shop and the Mitchell Act funds that support screening because these areas are not presently occupied by anadromous fish (SBT disagree). However, the amount of rearing habitat that could be reconnected through resolving this nightmare may very well be a significant contribution to the recovery of Snake River spring chinook salmon. The actions to solve the problem are elusive. Identifying the problems in the headwaters and laying out alternative solutions can possibly be accomplished in FY 2002, but the actions to resolve these problems may well take more than a year through consultations and collaboration with local water users, governmental agencies, and habitat/hydrology experts. However, due to the importance of these systems to a significant proportion of the total listed Snake River spring/summer chinook population, funding the initial assessment and feasibility work is a priority.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Habitat-11	Shoshone-Bannock	Blaine J. Edmo	Salmon Habitat Restoration	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-FEB-02 - 30-SEP-02	Salmon Habitat Protection and Restoration	\$5,000.00	\$0.00	Salmon

Project Description
<p>Although this project does not specifically provide habitat restoration, it will be closely linked to and coordinated with other ongoing habitat enhancement and protection efforts in the area.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Planning-01	Shoshone-Bannock	Blaine J. Edmo	SBT-Planning-4(d) Tribal Resource Plan	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$55,416.00	\$0.00	Salmon

Project Description
<p>The Shoshone-Bannock Tribes will collaborate, coordinate and work with the NMFS, USFWS, and co-managers to develop an ESA Section 4(d) Tribal Resource Plan that combines the elements of a Hatchery Genetics Management Plan (production), Fisheries Management and Evaluation Plan (harvest), and habitat plans. The Shoshone-Bannock Tribes will mutually develop a comprehensive plan and program for the use of artificial propagation to recover naturally producing salmon and steelhead. Includes collaboration with Endangered Species Act Technical Recovery Teams and with the co-managers, USFWS and NMFS to fulfill the artificial propagation biological opinion and the Federal Columbia River Power System biological opinion reasonable and prudent alternatives (BPA responsibilities) and implementation of the federal agencies Recovery Plan. Principally, the work will involve tracking and providing input to the Technical Recovery Team guidelines and critical and viable populations estimates for each subpopulation of Snake River steelhead and spring/summer chinook salmon.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Planning-03	Shoshone-Bannock	Blaine J. Edmo	SBT-Planning-4(d) Tribal Resource Plan	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-FEB-02 - 30-SEP-02	Watershed and Sub-basin Planning and Assessment	\$32,000.00	\$0.00	Salmon

Project Description
<p>The Shoshone-Bannock Tribes have always been involved with salmon agreement, and have been leaders in some significant salmon management issues (e.g. intervening in U.S. v Oregon, rehabilitating Yankee Fork and Bear Valley Creek, successfully petitioning the Snake River sockeye salmon for ESA listing, promoting hydrosystem configuration modifications). The Tribes successfully contract with the BIA (Self-Determination 638 funding), BPA (Fish and Wildlife Program), and a variety of other programs, and have efficient administrative and fiscal reporting resources along with a well established Fisheries Department. PCSRF funding would complement the existing tribal Salmon River Production Program and the existing BIA-638 Fish Management and Development Program, which are in dire need of additional funding in order for the Shoshone-Bannock Tribes to collaborate on anadromous fish recovery planning and project implementation.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Planning-02	Shoshone-Bannock	Blaine J. Edmo	SBT-Planning-4(d) Tribal Resource Plan	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-FEB-02 - 30-SEP-02	Watershed and Sub-basin Planning and Assessment	\$50,000.00	\$0.00	Salmon

Project Description

The Shoshone-Bannock Tribes are active co-managers of the aquatic resource in the Salmon River Basin with the Nez Perce Tribe, Idaho Department of Fish and Game, USFWS and NMFS. The Tribes anadromous fish management authority in the Salmon River Basin is upheld through aboriginal and treaty rights, through case law, and as a party to U.S. v Oregon. The Tribes are also intimate partners in land and water use management through a variety of sovereign processes. The production actions under this program are presently included in ESA Section 10 Permits and the Section 7 Artificial Production Biological Opinion and will be coordinated with and will involve Lower Snake River Compensation Program and Hells Canyon Settlement Agreement production programs. The Shoshone-Bannock Tribes are presently in need of funding to finalize a draft Salmon River Production Master Plan that is intended to help in the collaborative recovery planning process. The Shoshone Bannock Tribes' Resource Plan under ESA Section 4(d) will combine the Production Master Plan with detailed harvest and habitat plans.

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Salmon Sup	Shoshone-Bannock	Blaine J. Edmo	SBT-SalmonSupplementation-01	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Enhancement	\$69,199.00	\$0.00	Salmon

Project Description

Plant Snake River spring/summer chinook salmon and Snake River steelhead eggs, and release presmolts, smolts, and adults mandated in production agreements under US. v Oregon and ESA recovery. The specific actions will be developed mutually between the NMFS and the Shoshone-Bannock Tribes and will be consistent with NMFS policies and Shoshone-Bannock Tribal Treaty Rights. Specifically, the production actions under this portion of the program include planting one million steelhead eggs annually in upper Salmon River tributaries, releasing 480,000 steelhead smolts into the Lemhi River, Yankee Fork Salmon River, Valley Creek, planting captive reared spring chinook salmon eggs into three natal tributaries as part of the IDFG and NMFS captive rearing program (East Fork, Lemhi, and West Fork Yankee Fork), planting summer chinook eggs in the South Fork Salmon River, and assisting outplanting spring/summer chinook adult salmon into Panther Creek and various South Fork Salmon River tributaries. The production actions under this program are presently included in ESA Section 10 Permits (Idaho Supplementation Studies, Idaho Chinook Salmon Captive Rearing Project, and Hells Canyon Settlement Agreement hatchery operations (Rapid River Hatchery), the March 1998 Section 7 Artificial Production Biological Opinion, and ESA Section 7(d) concurrence letters. Monitoring and evaluation for incubation and rearing success, and adult returns and subsequent spawning are coordinated with and involve the Lower Snake River Compensation Program and production programs. Monitoring ongoing production actions includes quantifying production output and adult returns, environmental parameters that are used to determine output timing, location and life stage. Monitoring will also cover tribal harvest in the Salmon River system.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-M and E-01	Shoshone-Bannock	Blaine J. Edmo	SBT-Monitoring and Evaluation-01	ID

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-FEB-02 - 30-SEP-02	Salmon Research, Monitoring, and Evaluation	\$9,650.00	\$0.00	Salmon

Project Description

The Shoshone-Bannock Tribes are in need of funding to support continuing monitoring and evaluation of the Tribes' production initiatives that are presently conducted under U.S. v Oregon agreements. Monitoring generally includes quantification of production output and adult returns, along with monitoring of environmental parameters that are used to determine output timing, location and life stages. Most of the Salmon River areas where production actions are proposed have salmon populations that are critically depressed or extirpated.

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Salmon Sup	Shoshone-Bannock	Blaine J. Edmo	SBT-SalmonSupplementation-02	ID

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-FEB-02 - 30-SEP-02	Salmon Research, Monitoring, and Evaluation	\$50,000.00	\$0.00	Salmon

Project Description

Implementing artificial production strategies that are aimed at restoring naturally producing populations is largely experimental. The Shoshone-Bannock Tribes propose to keep the Middle Fork Salmon River as a wild fish refuge, with no supplementation, while testing the alternative strategy of using artificial production to rebuild naturally-producing populations in the Salmon River and some of its tributaries upstream from the Middle Fork Salmon River.

Project Ref	Grantee	Subgrantee	Project Name	State
SBT-Salmon Sup	Shoshone-Bannock	Blaine J. Edmo	SBT-SalmonSupplementation-03	ID

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-FEB-02 - 30-SEP-02	Salmon Research, Monitoring, and Evaluation	\$50,000.00	\$0.00	Salmon

Project Description

The recovery planning and supplementation activities proposed for PCSRF funding are for Snake River spring/summer chinook salmon (threatened), Snake River coho salmon (extinct), Snake River sockeye salmon (endangered), and Snake River steelhead (threatened), and potentially impact bull trout (threatened). The activities contemplated, and the planning that is needed has to be a collaborative effort among the co-managers and federal agencies, that needs to be coordinated with other regional processes (e.g., U.S. v Oregon, Artificial Production Review, Artificial Production Advisory Committee).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
SB-Admin-2001	Shoshone-Bannock	Bureau of Indian Affairs	Grant Administration Costs	ID	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Program Administration	\$10,350.00	\$0.00	Salmon

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 00 2003	Round Valley	Round Valley Indian Tribes	Equipment Acquisition (Service Truck)	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-OCT-03 -	Salmon Habitat Protection and Restoration	\$28,500.00	\$0.00	Northern California Coastal

Project Description
Stream Restoration and various Road Repair projects.

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 41 2003	Round Valley	Round Valley Indian Tribes	Mill Creek SRP (IV)	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-MAY-04 -	Salmon Habitat Protection and Restoration	\$53,524.00	\$0.00	Northern California Coastal

Project Description
Improve and re-establish instream Habitat and Riparian corridor functions.

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 10 2003	Round Valley	Round Valley Indian Tribes	Road Repair and Maintenance	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUN-04 -	Salmon Habitat Protection and Restoration	\$35,895.00	\$0.00	Northern California Coastal

Project Description
Culvert removal, rock rolling dips, ditch repair, road-side armoring, etc

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 02 2003	Round Valley	Round Valley Indian Tribes	Secretarial Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Salmon Habitat Protection and Restoration	\$8,187.00	\$0.00	Northern California Coastal

Project Description
Office space, utilities, data entry, secretarial support, etc...

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 03 2003	Round Valley	Round Valley Indian Tribes	Training and Travel	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Salmon Habitat Protection and Restoration	\$2,300.00	\$0.00	Northern California Coastal

Project Description
To stay current with latest training and attend pertinent Fisheries Conference. (PCSRF mtgs et.al.)

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 00 2002	Round Valley	Round Valley Indian Tribes	Heavy Equipment Acquisition (Water Truck)	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$30,000.00	\$0.00	Northern California Coastal

Project Description
Stream Restoration (watering riparian Veg.) and various Road Repair projects.

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 41 2002	Round Valley	Round Valley Indian Tribes	Mill Creek SRP Phase - III	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 - 30-NOV-03	Salmon Habitat Protection and Restoration	\$50,200.00	\$0.00	Northern California Coastal

Project Description
Improve and re-establish instream Habitat and Riparian corridor functions.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 02 2002	Round Valley	Round Valley Indian Tribes	Office and Secretarial Support	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-02 -	Salmon Habitat Protection and Restoration	\$12,550.00	\$0.00	Northern California Coastal

Project Description
Office space, utilities, data entry, secretarial support, etc...

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 50 2002	Round Valley	Round Valley Indian Tribes	Riparian Vegetation Nursery	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Salmon Habitat Protection and Restoration	\$11,994.00	\$0.00	Northern California Coastal

Project Description
Grow our own native riparian tree and veg. Stock for our own extensive use, but to provide veg. To other restoration projects in the area

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 10 2002	Round Valley	Round Valley Indian Tribes	Road Repair and Maintenance	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 - 30-SEP-03	Salmon Habitat Protection and Restoration	\$48,338.00	\$0.00	Northern California Coastal

Project Description
Culvert removal, rock rolling dips, ditch repair, road-side armoring, etc

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 03 2002	Round Valley	Round Valley Indian Tribes	Training and Travel	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-03 -	Salmon Habitat Protection and Restoration	\$3,765.00	\$0.00	Northern California Coastal

Project Description
To stay current with latest training and attend pertinent Fisheries Conference. (PCSRF mtgs et.al.)

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 00 2001	Round Valley	Round Valley Indian Tribes	Heavy Equipment Acquisition (Backhoe)	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-02 - 30-APR-02	Salmon Habitat Protection and Restoration	\$30,000.00	\$0.00	Northern California Coastal

Project Description
Stream Restoration and Road Repair projects

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 41 2001	Round Valley		Mill Creek SRP Phase - II	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 - 30-NOV-02	Salmon Habitat Protection and Restoration	\$35,000.00	\$0.00	Northern California Coastal

Project Description
Improve and re-establish instream Habitat and Riparian corridor functions.

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 41 2001	Round Valley		Mill Creek SRP Phase - II	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 - 30-NOV-02	Salmon Habitat Protection and Restoration	\$10,000.00	\$0.00	Northern California Coastal

Project Description
Improve and re-establish instream Habitat and Riparian corridor functions.

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 02 2001	Round Valley	Round Valley Indian Tribes	Office and Secretarial Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JAN-02 - 31-DEC-02	Salmon Habitat Protection and Restoration	\$10,000.00	\$0.00	Northern California Coastal

Project Description
Office space, utilities, data entry, secretarial support, etc...

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 10 2001	Round Valley		Road Inventory, Repair and Maintenance	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 - 31-OCT-02	Salmon Habitat Protection and Restoration	\$10,000.00	\$0.00	Northern California Coastal

Project Description
Culvert removal, rock rolling dips, ditch repair, road-side armoring, etc

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 10 2001	Round Valley		Road Inventory, Repair and Maintenance	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 31-OCT-02	Salmon Habitat Protection and Restoration	\$40,000.00	\$0.00	Northern California Coastal

Project Description
Culvert removal, rock rolling dips, ditch repair, road-side armoring, etc

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 32 2001	Round Valley	Round Valley Indian Tribes	Tribal Warden Enforcement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-01 - 30-APR-02	Salmon Habitat Protection and Restoration	\$10,000.00	\$0.00	Northern California Coastal

Project Description
Partial funding support of Wardens Enforcement activities.

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 00 2000	Round Valley	Round Valley Indian Tribes	Heavy Equipment Acquisition (Excavator)	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 30-JUN-01	Salmon Habitat Protection and Restoration	\$88,000.00	\$0.00	Northern California Coastal

Project Description
Stream Restoration and Road Repair projects

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 41 2000	Round Valley	Round Valley Indian Tribes	Mill Creek SRP Phase - I	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 30-NOV-01	Salmon Habitat Protection and Restoration	\$37,020.00	\$0.00	Northern California Coastal

Project Description
 Improve and re-establish instream Habitat and Riparian corridor functions.

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 02 2000	Round Valley	Round Valley Indian Tribes	Office and Secretarial Work	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JAN-01 - 31-DEC-01	Salmon Habitat Protection and Restoration	\$10,084.00	\$0.00	Northern California Coastal

Project Description
 Office space, utilities, data entry, secretarial support, etc...

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 10 2000	Round Valley	Round Valley Indian Tribes	Road Inventory, Repair and Maintenance	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 31-OCT-01	Salmon Habitat Protection and Restoration	\$32,084.00	\$0.00	Northern California Coastal

Project Description
 Culvert removal, rock rolling dips, ditch repair, road-side armoring, etc

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 01 2003	Round Valley	Round Valley Indian Tribes	Biologist Salary	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Salmon Research, Monitoring, and Evaluation	\$13,000.00	\$0.00	Northern California Coastal

Project Description
 Directs the Fisheries (and Wildlife) Programs, grant writer, SRP designer, etc...

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 20 2003	Round Valley	Round Valley Indian Tribes	Salmon Harvest and Monitoring	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-OCT-03 -	Salmon Research, Monitoring, and Evaluation	\$18,439.00	\$0.00	Northern California Coastal

Project Description
Creel surveys, carcass and redd counts to est. popn. Trends

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 01 2002	Round Valley	Round Valley Indian Tribes	% of Biologist Salary	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-03 -	Salmon Research, Monitoring, and Evaluation	\$14,621.00	\$0.00	Northern California Coastal

Project Description
Directs the Fisheries (and Wildlife) Programs, grant writer, SRP designer, etc...

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 04 2002	Round Valley	Round Valley Indian Tribes	Contractual Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-03 -	Salmon Research, Monitoring, and Evaluation	\$8,000.00	\$0.00	Northern California Coastal

Project Description
GIS work, BA/BE doc. prep., Consulting, etc

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 20 2002	Round Valley		Salmon Harvest and Monitoring	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 - 30-APR-03	Salmon Research, Monitoring, and Evaluation	\$20,532.00	\$0.00	Northern California Coastal

Project Description
Creel surveys, carcass and redd counts to est. popn. Trends

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 20 2001	Round Valley	Round Valley Indian Tribes	Salmon Harvest and Monitoring	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 - 30-APR-02	Salmon Research, Monitoring, and Evaluation	\$10,000.00	\$0.00	Northern California Coastal

Project Description
Creel surveys, carcass and redd counts to est. popn. Trends

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 2001	Round Valley	Round Valley Indian Tribes	Watershed Monitoring Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-02 - 31-OCT-02	Salmon Research, Monitoring, and Evaluation	\$20,000.00	\$0.00	Northern California Coastal

Project Description
Collection of: water flow and temp. data, Gravel sampling, Habitat Typing, bio-assessments, SRP evaluations, etc.

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 01 2000	Round Valley	Round Valley Indian Tribes	% of Biologist Salary	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JAN-01 - 31-DEC-01	Salmon Research, Monitoring, and Evaluation	\$15,548.00	\$0.00	Northern California Coastal

Project Description
Directs the Fisheries (and Wildlife) Programs, grant writer, SRP designer, etc...

Project Ref	Grantee	Subgrantee	Project Name	State
23 370 12 2000	Round Valley	Round Valley Indian Tribes	N.F. Eel River Bio-assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-00 - 31-AUG-00	Salmon Research, Monitoring, and Evaluation	\$1,287.00	\$0.00	Northern California Coastal

Project Description
Snorkel, E-fish and ocular observations

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 20 2000	Round Valley	Round Valley Indian Tribes	Salmon Harvest and Monitoring	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 - 30-APR-01	Salmon Research, Monitoring, and Evaluation	\$23,755.00	\$0.00	Northern California Coastal

Project Description
Creel surveys, carcass and redd counts to est. popn. Trends

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 31 2000	Round Valley	Round Valley Indian Tribes	Tribal Fish License and Tag Program	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JAN-01 -	Salmon Research, Monitoring, and Evaluation	\$4,936.00	\$0.00	Northern California Coastal

Project Description
Monitor tribal member fishing pressure

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 40 2000	Round Valley	Round Valley Indian Tribes	Watershed Monitoring Program	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-01 - 31-OCT-01	Salmon Research, Monitoring, and Evaluation	\$25,601.00	\$0.00	Northern California Coastal

Project Description
Collection of: water flow and temp. data, Gravel sampling, Habitat Typing, bio-assessments, SRP evaluations, etc.

Project Ref	Grantee	Subgrantee	Project Name	State	
23 370 32 2000	Round Valley	Round Valley Indian Tribes	Warden Training	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-00 - 01-MAY-01	Public Outreach and Education	\$12,340.00	\$0.00	Northern California Coastal

Project Description
Send tribal member to DFG's Game Warden Academy.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-108	OWEB		Acquisition of the Decker Family Conservation Easement	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	18-NOV-03 - 18-NOV-03	Salmon Habitat Protection and Restoration	\$0.00	\$155,225.00	Willamette

Project Description
 The McKenzie River Trust proposes acquisition of a 133-acre conservation easement on the Decker property north of Fern Ridge reservoir in Lane County. The property includes emergent wetlands, native wet prairie and ash riparian forest on both sides of Coyote Creek. The total purchase price is \$205,100.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-125	OWEB		Ames Cr Restoration Project Phase III	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	10-JUL-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$105,917.00	Willamette

Project Description
 This project is Phase III of a multi-year effort to restore anadromous fish habitat in Ames Creek within the City of Sweet Home. Phase III will restore fish passage around an old mill dam, re-establish a meandering stream channel within the area of an old mill pond and city park, improve instream habitat structure and diversity and enhance native wetland and riparian vegetation. OWEB funds would be used primarily for materials.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-156	OWEB		Andre/State Lands Rangeland Improvement	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	13-AUG-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$146,156.00	Middle Snake-Boise

Project Description
 This project will complete a multi-phase restoration project initiated to improve upland conditions within the Lower Owyhee subbasin. The project proposes to install 22.5 miles of pipe, 16 troughs and 4.5 miles of cross fence to provide rest rotation, improve livestock distribution and enhance wildlife habitat in the Owyhee basin. OWEB funds are technical assistance (1%), pipeline installation (53%), pipe (37%), cross fence (5%) and administration (5%). Cost-share partners include Andre Ranches, Owyhee Watershed Council, NRCS, Malheur SWCD, ODFW and DSL.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-124	OWEB		Beaver Cr Riparian Restoration Project Phase III	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	09-JUL-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$36,990.00	Lower Columbia

Project Description
 Beaver Creek is located in the Sandy River watershed near Troutdale. This proposal is to re-profile the stream bank to a more moderate ratio and stabilize the bank toe to help reduce sediments and stabilize steam banks. The project includes removal of invasive species and re-vegetation with native plants. OWEB funds would be used primarily for personnel, earthwork, structure placement, materials, engineering, design and outreach.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-167	OWEB		Birch Cr Fish Passage/Irrigation Efficiency	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	14-AUG-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$102,889.00	Middle Columbia

Project Description
 The project will remove an irrigation diversion dam that is an impediment to fish passage, stabilize the stream channel after dam removal with a series of boulder weirs and convert the existing gravity-flow irrigation to a more efficient, pressurized system which will improve stream flows. Watershed benefits include improved fish passage and rearing habitat for ESA-listed summer steelhead and redband trout through increased stream flow. OWEB funds are requested for bridge footings (5%), electrical supply (29%), system installation (2%), irrigation materials (55%) and administration (9%). Cost-share partners include USFWS, landowners,. BPA and ODFW.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-105	OWEB		Blacks Cr Fisheries Habitat Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$22,839.00	Southern Oregon Coastal

Project Description
 The project proposes to replace two undersized culverts set on top of one another in an unnamed tributary, which flows into Blacks Arm Creek in the Tenmile Lakes watershed.. The existing culvert setup significantly restricts passage of coho to approximately 2,700 feet of spawning and rearing habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-209	OWEB		Brae Burn Cr Restoration & Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$31,889.00	Willamette

Project Description

Edgewood Townhouse Association (ETA) seeks funding to restore, enhance, and maintain the physical and biological integrity of this Amazon Basin tributary; develop and maintain a water quality monitoring site; and provide education and outreach. This project is a resubmission. This project is a resubmission. The February 2003 review team valued the urban demonstration project and its strong partnerships and clear goals. However, the team found problems with the budget (high design costs, excessive number of plants, etc.). OWEB funds, which represent just over 19 percent of the total project cost, will be used primarily to facilitate the removal of non-native vegetation and to restore native riparian plants. Funds will also be used for education and outreach.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-225	OWEB		Buck Hollow WS Enhancement Final Implementation Phase 8	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	29-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$72,987.00	Deschutes

Project Description

This is the final phase of a complete watershed restoration effort began in the late 1980s. Individual farm plans have been implemented from the top of the watershed down and involving all of the landowners in the watershed. This project would implement fencing, brush control, seeding, water and sediment control basins, terraces and livestock water developments.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-260	OWEB		Burnt River Juniper Control	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	16-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$82,430.00	Middle Snake-Powder

Project Description

Watershed conditions on upland rangeland and riparian areas along the Burnt River will be improved by focusing land treatments on juniper control and juniper streambank stabilization. The project is an effort between the landowners, SWCD, BLM, OSU, BRID and NRCS. Twelve landowners will complete 950 acres of juniper control and six landowners will install 3,900 feet of juniper streambank protection. OWEB funds are requested for project oversight (3%), juniper control (68%), juniper streambank stabilization (25%) and administration/monitoring (4%).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-228	OWEB		C7 Ranch Wetland & Riparian Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	22-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$57,720.00	Klamath

Project Description

This project would enhance three miles of riparian habitat and 400 acres of wetlands adjacent to the Sprague River. It would construct riparian fencing and restore natural swales and seasonal wetlands within the floodplain. The site is approximately three miles west of the community of Sprague River. The Sprague River hosts the listed Shortnose and Lost River sucker fish.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-161	OWEB		Campbell/Martin Ditch Diversion Replacement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	17-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$16,443.00	John Day

Project Description

This project will replace a diversion structure with a fish-friendly structure in Indian Creek near John Day, which provides important spawning/rearing habitat for ESA-listed summer steelhead and bull trout. Currently, limited by-pass flows can impede fish passage during some life stages during the summer months. In addition to fish-passage benefits, there will be water quality improvements. OWEB funds are requested for equipment rental/contracted services (28%), materials (63%) and administration (9%). Cost-share partners include the landowner and OWRD.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-158	OWEB		Chambeam Diversion	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	13-AUG-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$27,525.00	Middle Snake-Powder

Project Description

The Chambeam Ditch on the Burnt River near Durkee serves 500 acres. This project will fund the design and construction of a permanent irrigation diversion to replace a gravel push-up dam with a permanent, controllable structure that provides fish passage and will also improve water quality. The new structure will be a permanent sill-and-abutment type structure with removable stays and flashboards. OWEB funds are requested technical assistance (6%), engineering (17%), cement sill construction (40%), rock (32%) and administration (5%). Other cost-share partners include NRCS, Burnt River SWCD, Burnt River Irrigation District and the landowners.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-117	OWEB		Clackamas Co 2003 Fish Passage Projects II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	11-JUL-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$173,466.00	Willamette

Project Description

This project consists of replacement of a package of 4 culverts and removal of one diversion dam. The sites are located in the Molalla, Clackamas and Johnson Creek watersheds and have been identified as barriers to fish passage. Completion of the projects will potentially open 23 stream miles to anadromous salmonids and cutthroat trout. OWEB funds would be used primarily for personnel, materials, design, permits and equipment.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-249	OWEB		Dahle Meadow Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$18,331.00	Middle Snake-Boise

Project Description

This project will fence three miles of Bully Creek, plant 72 acres of riparian and upland sites, install three pivots, seed 184 acres at borders of pivots to provide wildlife cover and forage and nesting sites, and develop alternative irrigation water sources via a well, pump and pipeline system. Watershed benefits include improved riparian vegetation, reduced sediment, stabilized streambanks and improved water storage. OWEB funds are requested for project manager (2%), engineering (4%), well drilling (27%), plants/seed (4%), water gap (2%), pipe (27%), fencing (5%), well pump (19%), administration (8%) and monitoring (2%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-229	OWEB		Dead Dog Canyon Resource Management System	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	29-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$93,201.00	Deschutes

Project Description

A&K Ranch of 6,200 acres is located partially in Buck Hollow watershed and Bakeoven watershed in Wasco County. The ranch and lands above and below this property have participated in watershed enhancement and have much of their land enrolled in CRP. This project will implement additional management practices of spring development, native grass plantings, sediment catchment basins and cross fencing for better forage management.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-211	OWEB		Drew's Valley Ranch	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$700,000.00	Upper Sacramento

Project Description

This project would purchase a conservation easement on the 11,000 acre ranch 22 miles west of Lakeview. The conservation easement would ensure the property is not divided more than once, no mining would occur, no large scale commercial timber harvesting, no fee hunting or fishing and no commercial feedlot operations would occur on the land. The property would remain a cattle ranch. There are six Oregon State sensitive species in the Goose Lake watershed and on the ranch.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-204	OWEB		Elijah Bristow Restoration & Reforestation Phase I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$60,000.00	Willamette

Project Description

The Middle Fork Willamette Watershed Council seeks funding to restore riparian forest vegetation on 27 acres of deforested land between the confluence of Lost Creek and the Middle Fork Willamette River in Elijah Bristow State Park. The project will restore connectivity to the riparian forest corridor, improve habitat for rare and federally listed aquatic species including spring Chinook, test alternative blackberry control methods, and serve as a public demonstration project. Oregon Parks and Recreation Department will provide cash, tools, mowing, and inmate labor; technical and planning assistance; and monitor and maintain the project. OWEB funds will be used in Phase I contracting a project manager, mileage, labor, site survey and hydrologic monitoring; and in Phase 2 for planning, technical assistance, supplies, materials, and equipment. This is a new submission.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-070	OWEB		Feagles Cr Bridge Repair	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$27,500.00	Northern Oregon Coastal

Project Description

This proposal seeks funding to implement permanent repairs to a bridge crossing on Feagles Creek, a tributary of the Big Elk in the Yaquina River system. A previous OWEB funded project had partially paid for the replacement of a perched culvert with the current bridge. The new east side bridge abutment was compromised by erosion this winter. OWEB funds will be used for contracted services to repair the bridge.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-068	OWEB		Fish Barrier Removal Miller/Page Creeks	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	03-JUL-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$395,115.00	Northern Oregon Coastal

Project Description

Four culverts that create fish passage barriers at road crossings will be removed on two tributaries of the Clatskanie River if this proposal is funded. Two of the culverts will be replaced with bridges, a third will be replaced with a larger culvert and the fourth culvert will be removed and the road abandoned. OWEB funds will be used for construction costs (89%), design and project management.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-103	OWEB		Fish Passage 2003-Umpqua Basin	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	13-AUG-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$121,388.00	Southern Oregon Coastal

Project Description

The project proposes to replace five culverts located throughout the Umpqua Basin. The culvert replacements, when all completed will restore passage to nearly 10 miles of stream to salmonids.

Project Ref	Grantee	Subgrantee	Project Name	State
ODF001b	OWEB	ODF	Forest Management and Forest Practices Technical Assistance for Indivi	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$3,290,703.00	\$1,728,140.00	Oregon - Statewide

Project Description

This project partially funds 68 field stewardship foresters that provide technical assistance to private forest landowners. Specifically, this project will provide key technical assistance related to Oregon Plan implementation and environmental improvements on forest lands.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-191	OWEB		Gilliland Ag BMP Demonstration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$28,419.00	Southern Oregon Coastal

Project Description
 This project proposes to limit livestock access to Coles Valley Creek, distribute alternative stock water, enhance riparian vegetation, improve crossing points and stop erosion in a down cutting drainage. Over six acres will be protected including 2,700 feet of stream. The project location is adjacent and upstream from landowners that have already completed riparian fencing and plantings.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-097	OWEB		God Wants You Fish Passage	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	16-JUN-03 - 02-JAN-04	Salmon Habitat Protection and Restoration	\$0.00	\$21,523.00	Southern Oregon Coastal

Project Description
 This project proposes to remove a culvert causing a fish passage barrier and replace it with a larger "squash pipe" culvert. The project will open up 3/8 mile of habitat for cutthroat and steelhead in the Lower Rogue.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-069	OWEB		God's Valley Salmon Habitat Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	15-AUG-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$22,133.00	Northern Oregon Coastal

Project Description
 Twenty sites in the God's Valley sub-basin of the Nehalem River would be treated with large wood placements; one culvert on a tributary to God's Valley Creek would be replaced, opening an additional 700 feet of spawning and rearing habitat; and approximately 7 acres of riparian area would be spot-planted with native trees and shrubs by implementation of this project. Requested OWEB funds would be used for contracted services (equipment for large wood placement and culvert removal), supplies/materials and project management.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-194	OWEB		Gold Hill Dam Removal & Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$520,000.00	Southern Oregon Coastal

Project Description
 The project will remove the Gold Hill Dam on the mainstem Rogue River near Gold Hill, Oregon. Additional Project elements include wetland and riparian restoration in an adjacent 2,000 foot long diversion channel and associated wetland areas. The project is ranked as the second highest fish passage problem in the Rogue Basin under the Rogue Basin Fish Access Team's Strategic Plan and Barrier Prioritization.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-107	OWEB		Green Island Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$750,000.00	Willamette

Project Description
 The McKenzie River Trust proposes acquisition of an 856-acre parcel at the confluence of the McKenzie and Willamette Rivers. Interspersed with over 430 acres of public land, this acquisition is to protect and restore at-risk function and habitat to 1,300 acres and 20 miles of riparian lands. The total purchase price is \$2,254,000.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-107A	OWEB		Green Island Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	10-APR-03 - 28-AUG-03	Salmon Habitat Protection and Restoration	\$0.00	\$800.00	Willamette

Project Description
 Review appraisal, AG and hazardous review costs

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW004d	OWEB	Chris Knutsen, George Westfall, Kevin Good	Habitat and Fish Management Biologists	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$88,263.00	\$0.00	Northern Oregon Coastal

Project Description					
<p>Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-198	OWEB		Hawk Cr Habitat Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$8,305.00	Southern Oregon Coastal

Project Description					
<p>The project proposes to enhance fish habitats in Hawk Creek, a tributary of Elk Creek in the Rogue Basin, through the placement of 10 large wood structures, 15 boulder weirs and five boulder clusters. Project activities would benefit coho salmon, cutthroat trout and steelhead.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-071	OWEB		Helms Cr Aquatic & Riparian	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	17-JUL-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$11,136.00	Northern Oregon Coastal

Project Description					
<p>The Helms Creek project proposes to place 13 full spanning log structures (using 56 logs and 100 pre-commercial thinning firs), excavate 3 spring-fed alcoves and plant approximately 0.5 miles of riparian corridor on private property along Helms Creek in the Yachats River basin. The bulk of the requested OWEB funds will be used for project design and implementation (log placement and alcove excavation) with smaller amounts budgeted for planting supplies (seedlings and protectors).</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-226	OWEB		Hood River Integrated Pest Mgmt Weather Station Network	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$113,666.00	Middle Columbia

Project Description

This project would duplicate the weather station network operating in Wasco County to cover the 14,900 acres of orchards in Hood River County as part of the effort to implement Integrated Pest Management practices. Currently, Bull trout and Steelhead are listed as threatened in the basin.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-244	OWEB		Hudson Bay Aquifer-Spring Restoration	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	17-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$84,544.00	Middle Columbia

Project Description

The applicant proposes to construct a series on three pits specifically designed for passive artificial recharge constructed on land provided by Hudson Bay District. Pits are designed to handle 50 cfs during the winter/spring Walla Walla River runoff. Monitoring, evaluation and outreach are also major components as well as on-site subsurface hydrologic and hydrogeologic monitoring. OWEB funds are requested for project manager (4%), contracted services (33%), piezometer/lab costs (34%), equipment (5%), administration (10%), monitoring (12%) and production costs (2%) Cost-share partners include Hudson Bay District Improvement Company, Walla Walla Basin Alliance and the Walla Walla Watershed Council.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-096	OWEB		Illinois Valley Riparian Tree Planting	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	13-AUG-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$72,765.00	Southern Oregon Coastal

Project Description

This project proposes to continue the eleven-year program of planting native tree species along riparian areas and associated uplands on private properties within the Illinois Valley. The project will expand its efforts to include planting to prevent the spread of noxious weed seeds, all party monitoring, a planting guide and a merger of the tree planting, noxious weed and fire plan projects. The project will continue its traditions of education, outreach, partnering, volunteerism and community building.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-252	OWEB		Irrigation Return Flow Reduction/Lower Willow Cr	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	21-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$476,619.00	Middle Snake-Boise

Project Description

Lower Willow Creek has serious water quality problems including sediment, algae and E. coli and is exacerbated by irrigation return flow. By converting from furrow irrigation to sprinklers, irrigation return flow can be eliminated. This project proposes to pipe 6.6 miles on two irrigation laterals to facilitate conversion to sprinklers on 22 separate farms encompassing 2,000 acres to improve water quality. OWEB funds are requested for engineering (10%), pipe and fitting (78%), flowmeters/gates (5%), administration (6%), project management (1%). Cost-share partners include the Vale Oregon Irrigation District who will provide the installation.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-074	OWEB		Karnowsky Cr Fishery Habitat Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	10-SEP-03 - 08-JAN-04	Salmon Habitat Protection and Restoration	\$0.00	\$154,550.00	Northern Oregon Coastal

Project Description

This is Phase Two of the Karnowski Creek project. Phase One recreated a meandering stream out of what had been a diked and straightened ditch. Phase Two will place, by helicopter, approximately 100 whole conifer trees (28"-36" DBH) and 20 cut logs along the newly restored area to enhance fish and wildlife habitat. Three miles of stream will be treated. The vast majority of the requested OWEB funds will be used for helicopter move-in and flying time. The remainder is for administration and project management.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-196	OWEB		Letitia Cr Stream Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$9,050.00	Southern Oregon Coastal

Project Description

The project proposes to replace a collapsed wood stringer bridge with a prefabricated bridge. The current structure creates a partial fish passage barrier. Large boulders and large logs would also be placed in the creek to create fish habitat complexities.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-259	OWEB		Lillicrop Upland Stockwater	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$29,414.00	John Day

Project Description
The project seeks funding to provide stockwater to the uplands for Nelson Creek to encourage riparian recovery and reduce sediment delivery to the Bridge Creek system. Project elements include the installation of a solar pump to deliver stockwater to four troughs located in three pastures and the construction of 2.6 miles of livestock exclusion fence along the riparian corridor. OWEB funds are requested for project manager (10%), backhoe/tracker rental (10%), fencing (6%), materials/supplies/equipment (67%), mobilization (1%) and administration(6%). Cost-share partners include FSA, EQIP and the landowner.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-116B	OWEB		Long Tom WS Projects	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	11-AUG-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$212,234.00	Willamette

Project Description
This project will continue and refine the council's water quality monitoring program and implement a set of demonstration projects around the watershed. These projects include riparian restoration, instream wood placement, riparian fencing, off-channel watering establishment and restoring fish passage. OWEB funds would be used primarily for personnel, travel, contracted services, supplies, permits, outreach, and workshops.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-192	OWEB		Lookingglass Cr Riparian Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$26,676.00	Southern Oregon Coastal

Project Description
This project proposes to enhance a 98-acre property currently managed for livestock and hay production. Project components consist of riparian fencing and planting on over 1940 feet of stream, Christmas tree revetments, stock water development and hardened stream crossings and upland plantings.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-245	OWEB		Lorenzen Ranches Livestock Feeding Relocation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$160,974.00	Middle Columbia

Project Description
 Lorenzen Ranches plan to relocate their feeding operations from the Stage Gulch riparian area and to an upland location. Watershed benefits include improved water quality by reducing animal waste and sediment. Restoring the riparian area will provide habitat for aquatic and upland wildlife. OWEB funds are requested for feed bunks (24%), water tanks & lines (10%), fencing (29%), chutes & pens mileage (33%) and administration (4%). Cost-share partners include Umatilla SWCD, Lorenzen Ranches, DEQ 319 and EQIP.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-131	OWEB		Lower Crooked River Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$92,000.00	Deschutes

Project Description
 This project on the Lower Crooked River will work with six landowners on 2 miles of stream to restore floodplain connectivity, stabilize streambanks, improve fish habitat and re-establish riparian vegetation. Much of the Crooked River below Prineville is characterized by 5 to 15 foot vertical banks with little riparian vegetation. The project would construct bank-full terraces to mimic the historic floodplain, install rock structures (J-hook barbs) to improve habitat and direct flow away from unstable streambanks and construct fencing to protect the treated areas. Extensive planting will occur to hold the streambanks in place. OWEB funds will be used to cover a portion of the equipment, labor and materials.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-190	OWEB		Lower Doerner Cr Riparian Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$58,347.00	Southern Oregon Coastal

Project Description
 This project proposes to enhance riparian and instream habitats through three adjacent properties. The project will also enable the landowners to more effectively manage their resources. Enhancement will be accomplished through riparian fencing and native species plantings, off channel stock watering development, hardened stream crossings, Christmas tree revetment, upland plantings, bridge installation instream structure placement and existing well development.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-205	OWEB		Lower McKenzie Watershed Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$83,594.00	Willamette

Project Description
The McKenzie Watershed Council seeks funding to assist landowners in implementing a minimum of seven watershed enhancement projects in the lower portion of the McKenzie River. The focus will be on improving fish and wildlife habitat through invasive weed eradication and control, native tree and shrub establishment, livestock exclusion fencing, and off-stream watering. These demonstration project also seek to improve water quality in this portion of the watershed, which the McKenzie River Conservation Strategy has deems a high priority. OWEB funds will be used to set the overall project design, purchase plants and fence materials, contract labor for planting and fencing, weed eradication, livestock watering systems. This is a new submission.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-133	OWEB		Marks Cr Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$53,975.00	Deschutes

Project Description
This project will restore channel sinuosity, floodplain connection, instream habitat and riparian vegetation on two miles of Mark's Creek, a tributary to Ochoco Creek east of Prineville. It will also improve livestock management to better utilize the property and protect the restoration benefits. Historically the stream meandered through this high elevation meadow and there was extensive willow, alder and cottonwoods in the meadow and adjacent to the stream. Besides the channel and habitat improvements, an irrigation diversion will be repaired to allow fish passage, a livestock water gap will be created and riparian zone protection fencing will be constructed. OWEB funds will be used to cover a portion of the equipment costs, labor, materials and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-246	OWEB		Milton Ditch Consolidation & Piping Efficiency	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$120,000.00	Middle Columbia

Project Description
This project will consolidate the Milton Ditch diversion downstream 1.5 miles to the Little Walla Walla diversion, leaving 7.43 cfs in that reach of the main Walla Walla eliminating the need for a gravel push-up dam and non-compliant fish screen. It will aid fish passage into Couse Creek for ESA-listed steelhead as well as improve water quality and quantity. OWEB funds are requested for personnel (assistance for water right transfer) (8%), pipe (83%), administration (9%). Cost-share partners include BPA, Walla Walla River Irrigation District and Oregon Water Trust.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-168	OWEB		Mudd Ranch Resource Management	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$19,860.00	Lower Snake

Project Description
 Water quality will be improved in Mudd Creek, a tributary of Catherine Creek. Project elements include moving corrals to a more appropriate location; installation of a livestock crossing and riparian fencing; planting a windbreak; well drilling at the new corral site, pond fencing; plant appropriate riparian species and construct a shallow swale below the new corral site to capture livestock runoff, sediment and nutrients. OWEB funds are requested for technical assistance (4%), equipment rental (24%), mobilization (1%), power to site (11%), materials/supplies (48%), and administration/monitoring (13%). Cost-share partners include the landowner.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-106A	OWEB		Muddy Cr Conservation Easement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	10-APR-03 - 23-AUG-03	Salmon Habitat Protection and Restoration	\$0.00	\$720.00	Willamette

Project Description
 Review Appraisal and AG costs

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-106	OWEB		Muddy Cr Conservation Easement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$100,000.00	Willamette

Project Description
 The Greenbelt Land Trust proposes acquisition of a conservation easement on a 126-acre farm on Muddy Creek in the Marys River watershed in Benton County. The property is a mix of wetlands, wet prairie, riparian areas and uplands within the 100-year floodplain of Muddy Creek. The total purchase price is \$177,000.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-160A	OWEB		NF Catherine Cr Riparian Rehab & Youth Crew	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	05-SEP-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$14,300.00	Lower Snake

Project Description
Uncontrolled recreational use along the North Fork Catherine Creek severely damaged several acres of riparian area. The project proposes to plant 300 cottonwoods, snowberry, willow, dogwood and other plants; mulch 5 acres; install 150 rock barriers; construct 500' of pole fence; 200' of foot paths and install 25 signs using an 8-person youth crew. Water quality and riparian vegetation will both be improved. OWEB funds are requested for youth crew (81%), mileage (7%), seed (3%) and administration (9%). Cost-share partners include USFS, Oregon Natural Guard, Training & Employment Consortium (TEC), Juvenile Crime Prevention and Title II.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-223	OWEB		North Wasco Co Direct Seed	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	29-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$74,406.00	Middle Columbia

Project Description
This project will assist four ranches convert their operations on highly erodible land from conventional tillage systems to direct seed/no-till, eliminating erosion problems on nearly 3,000 acres of cropland. This is within the Fifteenmile watershed which is 303(d) listed for sediment and temperature. There is a reduced population of wild winter steelhead within the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-267	OWEB		NW Oregon Japanese Knotweed Control	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$51,700.00	Willamette

Project Description
Cascade Pacific RC&D seeks funds to inventory and treat priority sites in the Willamette and North Coast basins that are infested with Japanese knotweed. The project will be implemented through the Northwest Oregon Invasive Weed Management Partnership, a network of more than 20 organizations. OWEB funds will be used to purchase 10 GPS units, cover transportation and maintenance costs, and cover the costs of certified applicators and materials. This is a new submission.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
ODF001a	OWEB	ODF	Oregon Plan Coordination, Tech Assist, Information Mgt, and Accomp	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$283,921.00	\$189,281.00	Oregon - Statewide

Project Description

This project funds 3 technical specialist who will provide statewide policy and technical expertise to implements Oregon Plan's forestry measures to protect, and restore native salmonid populations, watersheds, fish and wildlife habitats and water quality while sustaining a healthy forest economy. They develop and maintain the technical guidance for fish passage, instream restoration, and riparian enhancement projects on private forestlands.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-912	OWEB		OWEB 2003-05 CREP funding	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$800,000.00	Oregon - Statewide

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-149	OWEB		Page Ranch Acquisition	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$300,000.00	John Day

Project Description

The project involves the acquisition of a conservation easement on 2,276 acres of critical upland and watershed habitat currently in private ownership; purchase of 83 acres of river/riparian corridor and the purchase of a 31,000-acre federal grazing allotment near Mt. Vernon. The most significant habitats adjoining the river are in the 83-acre tract which includes 60 acres on the south side of the John Day and 20 acres to the north. In addition, the project proposes creation of a grass bank to manage the federal grazing allotment and to implement conservation measures on other private and federal lands. OWEB funds are requested for the purchase price of the acquisition (100%). Cost-share partners are the Rocky Mountain Elk Foundation, Richard Page, Oregon Wildlife Heritage Foundation, USFWS and Grant SWCD.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-257	OWEB		Pass Cr Offstream Watering Phase II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	28-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$27,393.00	John Day

Project Description

The project would fund an off-stream watering system consisting of 2.5 miles of pipeline and nine water troughs for livestock. Installing this system would bring water to the upland portion of the ranch. Watershed benefits include improved water quality, increased shade and water storage in the floodplain and narrowing and deepening of the stream channel. OWEB funds are requested for the pipe/installation (74%), water troughs/installation (15%), mobilization (2%) and administration (9%). Cost-share partners include North Fork John Day Watershed Council and the landowner.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-134	OWEB		Phase I Central Canal Upgrade/Neal Cr Inverted Siphon	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	08-SEP-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$300,000.00	Middle Columbia

Project Description

This project would complete the first of a three phase project to pipe 42cfs of irrigation water 4.3 miles thereby replacing Neal Creek as the conveyor of this water and thus improve it's water quality and fish passage issues. This project will address fish passage and water quality issues by piping the irrigation water and eliminating interface with Neal Creek completely. Neal Creek is an important steelhead spawning stream. The project would result in a long term instream water lease of 2.3cfs into the East Fork Hood River. OWEB funds would be used for demolition, earthwork, erosion control and concrete and asphalt work.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-221	OWEB		Pine Cr Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	20-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$13,580.00	Deschutes

Project Description

Pine Creek is a tributary to Crooked River about 20 miles southwest of Prineville. The project would clear 400 acres of juniper, re-plant the area to native grasses and develop several springs to facilitate better livestock distribution. The vegetation management should reduce runoff and allow better infiltration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-253	OWEB		Pine Cr Riparian Fence	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$12,396.00	Oregon Closed Basins

Project Description
 The project proposes to install 2.75 miles of fencing to divide the 4,280-acre Pine Creek pasture in two. The total allotment is 20,322 acres and is divided into five separate pastures on BLM, State and private land. Pine Creek vegetation and streambanks will recover; water quality improved; and a new grazing rotation plan followed. OWEB funds are requested for fencing (69%); gates (19%), administration/project management (12%). Cost-share partners include Harney SWCD, BLM and the landowners.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-073	OWEB		Roache Cr Stream & Wetland Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	10-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$21,898.00	Northern Oregon Coastal

Project Description
 A variety of restoration activities will occur as a result of this project on one landowner's property on Roache Creek a tributary of Siltcoos Lake on the central Oregon coast. 1,986 feet of stream would be restored to sinuosity from its present ditched condition; 3.85 acres of wetland would be enhanced; 15.4 acres of riparian area would be planted with a variety of native trees and shrubs and one undersized fish passage barrier culvert would be removed and replaced. OWEB funds will be used for project design, site preparation, large wood placement, culvert installation and monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-098	OWEB		Rogue River Stakeholders Group	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	15-JUL-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$267,322.00	Southern Oregon Coastal

Project Description
 The project proposes to implement Phase 3 of the project designed to prevent pit capture by the Rogue River of an abandoned floodplain gravel pits. Phase 1 and 2 successfully resulted in construction of eight stream barbs to arrest bank erosion along with riparian area plantings. The project will protect fish habitats and water quality. The implementation of the project will help prevent future channel avulsion and resulting impacts to fisheries and habitats. Phase 3 will assist in maintaining historic channel migration zone through construction of additional stream barbs, bank reshaping, removal of an artificial island and a gravel plug and development of a spill way area for floodwaters.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-250	OWEB		Rose Cr Juniper Control	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	22-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$71,987.00	Middle Snake-Boise

Project Description

This project proposes to remove juniper trees on 1,000 acres; develop three springs to provide off-site water; improve livestock distribution; allow existing riparian vegetation, native grasses and forbs to reseed, thereby improving upland vegetation and wildlife habitat. Water storage capacity will improve, soil erosion decrease, streamflows increase to Willow Creek near Ironside. OWEB funds are requested for project management (2%), spring excavation/materials (4%), juniper cutting (84%), administration (9%) and monitoring (1%). Cost-share partners include the landowners.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-072	OWEB		Salvage Log Fund	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	26-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$7,500.00	Northern Oregon Coastal

Project Description

This proposal would fund the continuation of an opportunistic large wood acquisition project conducted by the MidCoast Watershed Council. Trees often become available for donation to the watershed council for use in restoration projects through storm events, landslides or planned land-clearing activities. OWEB funds would be used for the costs involved in loading and transporting the trees to storage sites in preparation for use in future projects as well as for project management costs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-072A	OWEB		Salvage Log Fund	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	26-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$23,492.00	Northern Oregon Coastal

Project Description

This proposal would fund the continuation of an opportunistic large wood acquisition project conducted by the MidCoast Watershed Council. Trees often become available for donation to the watershed council for use in restoration projects through storm events, landslides or planned land-clearing activities. OWEB funds would be used for the costs involved in loading and transporting the trees to storage sites in preparation for use in future projects as well as for project management costs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-230	OWEB		Shaniko Headwaters Resource Management System	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	29-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$30,086.00	Deschutes

Project Description
The Shaniko Cattle Company has a 3,640 acre ranch at the headwaters of Bakeoven, Buck Hollow, Pine Hollow and Ward Creek in Wasco County. This project would further implement the Resource Management Plan of the ranch by constructing five sediment basins, one well, placing five water troughs and piping and restore 62 acres of range land.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-142	OWEB		Sherman Co Conservation Work 2003	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	04-NOV-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$50,508.00	Deschutes

Project Description
This project would complete a number of soil conservation measures and range management practices in Sherman County. The project has identified specific practices on six ranches in the Pine Hollow/Jackknife subwatersheds and three landowner properties in the Grass Valley subwatershed to the Deschutes River. A total of three new water sources would be developed and fenced, 63 water and sediment control structures would be built, 9,240 feet of fencing would be built and 13,000 feet of terraces constructed. OWEB funds would be used for project design and oversight, travel, all phases of construction, fiscal administration and monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-227	OWEB		Sherman Co SWCD Watershed Enhancement 2003-2005	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	04-NOV-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$62,316.00	John Day

Project Description
Six farming/ranching operations will implement watershed enhancement projects consisting of terraces, water and sediment control basins, grassed waterways and spring developments. The projects will take place in various watersheds in Sherman County.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-075	OWEB		Siuslaw Restoration Materials Acquisition	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$19,470.00	Northern Oregon Coastal

Project Description

This proposal would fund the continuation of an opportunistic large wood and boulder acquisition project conducted by the Siuslaw Watershed Council. Trees and boulders often become available for donation to the watershed council for use in restoration projects through storm events, landslides or planned land-clearing activities. OWEB funds would be used for the costs involved in loading and transporting the trees and materials to storage sites as well as for project management costs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-089	OWEB		Slate Cr Instream Habitat Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	13-AUG-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$15,669.00	Southern Oregon Coastal

Project Description

This project proposes to improve aquatic habitats by placing large wood and boulders in key coho and steelhead rearing reaches in the Slate Creek watershed. Current instream habitat complexity is poor because of channel modifications and large wood removal. Slate Creek currently provides very little spawning gravel retention and pool habitats for rearing coho and juvenile steelhead. Structures will be designed and placed to help improve these current conditions.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-077	OWEB		Smith Cr Fish Passage	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	14-AUG-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$59,156.00	Northern Oregon Coastal

Project Description

One undersized concrete culvert with a 3.5-foot drop at the outfall will be replaced on Smith Creek, a tributary of the Nestucca River, allowing for fish passage to be restored to 1.5 miles of quality salmonid habitat. Several in-stream rock weirs will be constructed to provide grade control throughout the project reach. OWEB funds would be used for partial payment for removal and replacement of the culvert, construction of in-stream rock weirs, the associated costs of road reconstruction and project management.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-157	OWEB		Smith/McPhee/Tanner Check Dam Structure	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	13-AUG-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$47,410.00	Middle Snake-Powder

Project Description

There is an immediate need to replace an existing check structure on the North Powder River to facilitate water control and improve fish passage. Also, 3 two-stage rock weirs located downstream of the diversion structure will be installed. Watershed benefits include improved fish passage and water quality. OWEB funds are requested for technical assistance (2%), engineering (10%), equipment rental/transportation (14%), materials - rock, stanchions, plants (66%) and administration (8%). Cost-share partners include the Smith-McFee-Tanner Ditch Company, Baker Valley SWCD, NRCS and the landowners.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-195	OWEB		South Fork Coquille Riparian Fence & Planting	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	15-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$9,564.00	Southern Oregon Coastal

Project Description

This project proposes to construct fencing to protect 12,500 feet of riparian area, install off-stream watering for livestock and plant trees on actively eroding riparian areas. Three adjacent landowners would be participating in this project.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-137	OWEB		Sprague River 2003/Webb	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	10-SEP-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$129,750.00	Klamath

Project Description

This project, on the Sprague River in Klamath Basin, would plug four cutoff channels and therefore re-establish the sinuosity and gradient along a 1.7 mile reach of the river, thus reducing sediment into the river and Klamath Lake.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-144	OWEB		Stayton Riverfront	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	- 14-JAN-04	Salmon Habitat Protection and Restoration	\$0.00	\$250,000.00	Willamette

Project Description

The City of Stayton is requesting \$500,000 in OWEB funding to purchase and provide permanent protection for a 51-acre parcel on the North Santiam River. The acquisition would preserve water quality and protect listed fish habitat by preventing home site development. Acquisition of the land will include the accompanying .33 cfs water right and there is a possibility of transferring this right to an instream right. The total purchase price is \$1.2 million with additional match funding sought from Marion County Economic Development, the National Fish and Wildlife Foundation.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-144A	OWEB		Stayton Riverfront-Direct Costs	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	11-SEP-03 - 02-DEC-03	Salmon Habitat Protection and Restoration	\$0.00	\$480.98	Willamette

Project Description

Stayton Waterfront Acquisition Costs (AG costs, DEQ hazardous review, review appraisals)

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-100	OWEB		Structure Placement 2003-Umpqua Basin	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	13-AUG-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$31,000.00	Southern Oregon Coastal

Project Description

This project proposes to place fish habitat enhancement structures in Big Creek tributaries, Slide Creek and Huntley Creek. There will be a total of 3.5 miles of salmonid habitat improvement by the placement of logs and/or boulders at 70 sites along these streams.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-254	OWEB		Succor Cr Riparian Protection	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	14-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$20,668.00	Middle Snake-Boise

Project Description

This project proposes to improve riparian conditions along Succor & McBride Creeks by installing 6.6 miles of riparian fencing and off-stream water including 1.25 miles of pipeline and 20 troughs for livestock. Developing off-site watering and water gaps will facilitate the removal of livestock grazing within sensitive riparian areas. Watershed benefits include improved riparian conditions, reduced streambank erosion and improved water quality. OWEB funds are requested for technical assistance (8%), fencing (58%), pipe and troughs (25%) and administration/monitoring (9%). Cost-share partners include the Gammet Ranches, Owyhee Watershed Council and NRCS.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-233	OWEB		Tamarack Cr Streambank Stabilization & Gradient Control	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	11-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$67,080.00	John Day

Project Description

This project would place approximately 60 rock grade control structures in the lower two miles of Tamarack Creek and another 60 rock structures in a one mile stretch of the East Fork Beaver Creek in the upper end of the Crooked River watershed. The structures will allow the stream to re-connect to the floodplain, raise the water table and the water storage in the substrate and eliminate downcutting of the streambed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-099	OWEB		Tenmile Lakes Watershed Fish Passage & Sediment Abatement II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	24-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$216,036.00	Southern Oregon Coastal

Project Description

This project proposes to remove eight fish passage and/or sediment problem structures and fence approximately three miles of actively eroding streambank. This project will enhance 15 miles of essential salmonid habitat. The sites chosen for the project were identified as priorities through the Tenmile Lakes Basin Partnership's Watershed Assessment.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-126	OWEB		The Headwaters at Tryon Cr	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$116,000.00	Lower Columbia

Project Description

This project proposes to remove 1,000 lineal feet of existing CMP storm pipe and revise the associated urban storm water system in a 65-acre drainage basin that is a headwater of Tryon Creek. 450-ft. of the storm pipe will be replaced with an engineered, daylighted creek. The storm water system will be redirected to constructed wetland facilities before entering the creek. OWEB funds will be used primarily for creek restoration costs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-138	OWEB		Trout Cr Berm Removal/Channel Reconstruction	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	27-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$195,000.00	Deschutes

Project Description

The project would treat 8 miles of Trout Creek (a significant steelhead spawning stream in the Deschutes Basin) by removing berms and restoring sinuosity to the stream. This project would use Rosgen methodology to restore the meander pattern, install j-hook vanes and cross vane structures to maintain channel form and construct a new floodplain at bankfull elevations. The area will be excluded from grazing and riparian vegetation will be maintained by signing up the entire area to be treated for CREP. OWEB funds would be used for mileage, contracted work, materials, equipment rental and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-224	OWEB		Tumalo Water Conservation Project Group	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$200,000.00	Deschutes

Project Description

This is the last phase of a four phase project designed to save 20 cfs of water by piping the Bend Feed Canal. A total of 5.8 cfs of senior watterright and 11.3 cfs of junior watterrights will be converted to instream watterrights. This water will remain in Tumalo Creek and therefore contribute to flows in the Middle Deschutes River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-162	OWEB		Upper SF John Day River WS Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	02-SEP-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$104,779.00	John Day

Project Description
 Watershed conditions in the Upper South Fork near Izee will be improved through various land treatments including 2,720 acres of juniper control, 2,309 acres of weed control and perennial grass reseeding; 35 acres of aspen stand improvement, juniper riprap bank stabilization, log weir repair and replacement of an undersized culvert. The project is a joint effort between the USFS and private landowners. OWEB funds are requested for juniper control (68%), herbicide/application (7%), equipment rental (15%), culvert (1%) and administration (9%). Cost-share partners include Malheur National Forest, Title II Funds, landowners, USFWS, ODFW and Grant Weed Control District.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-162A	OWEB		Upper SF John Day River WS Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	04-NOV-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$18,955.00	John Day

Project Description
 Watershed conditions in the Upper South Fork near Izee will be improved through various land treatments including 2,720 acres of juniper control, 2,309 acres of weed control and perennial grass reseeding; 35 acres of aspen stand improvement, juniper riprap bank stabilization, log weir repair and replacement of an undersized culvert. The project is a joint effort between the USFS and private landowners. OWEB funds are requested for juniper control (68%), herbicide/application (7%), equipment rental (15%), culvert (1%) and administration (9%). Cost-share partners include Malheur National Forest, Title II Funds, landowners, USFWS, ODFW and Grant Weed Control District.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-118	OWEB		Upper Tualatin River Floodplain Restoration Phase I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$150,000.00	Lower Columbia

Project Description
 This is Phase 1 of a projected multi-phase restoration effort being initiated to restore over 1,000 acres of floodplain habitat in the upper Tualatin River watershed. Phase 1 is located near Forest Grove and will restore 37 acres of riparian forest, 112 acres of wetlands and 96 acres of oak savannah. OWEB funds would be used primarily for contracted services, materials, engineering, and permitting.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
ODFW007	OWEB	Jill Zarnowitz, Rich Kruger, Rick Kepler	Water Policy and Streamflow Program	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$264,082.00	\$138,405.00	Oregon - Statewide

Project Description

This project funds 2.13 FTE to provide statewide policy expertise to the Department in the area of water quantity, quality and water right issues as they relate to the protection of salmonids, other fish, wildlife and their habitats. Advise other state and federal agencies, local governments, private organizations and individuals of the potential effects and impacts policies, rules and actions will have on salmonids, other fish and wildlife resources and their habitats. Suggest and recommend modifications of proposed policies, rules and actions to provide protection for salmonids and other fish and wildlife resources and their habitats. Facilitate ODFW's ability to efficiently and effectively manage, analyze and display natural resource information so it can be used for resource based decisions on the management and restoration of salmonids and other fish and wildlife resources and their habitats.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-172	OWEB		Waterbury- Allen Diversion Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	06-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$111,870.00	Middle Snake-Powder

Project Description

The proposal addresses an immediate need to replace an existing rock, gravel and log diversion structure on Eagle Creek near Richland. Project components include a fish screen, headgate, ramp flume and 4 rock "V"-shaped weirs to facilitate fish passage. Watershed benefits include improved fish habitat, improved efficiency and improved water quality. OWEB funds are requested for engineering (18%), SWCD oversight (2%), equipment rental (57%), diversion materials (20%) and administration/monitoring (4%). Cost-share partners include Waterbury-Allen Ditch Company, Eagle Valley SWCD, NRCS, OWRD and ODFW.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-247	OWEB		Westfall Ranches Stream Restoration	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$73,806.00	Middle Snake-Boise

Project Description

Fencing 1.8 miles of Bully Creek and installing two permanent diversions with fish screens will help to improve water quality by eliminating a push-up dam as well as improve habitat for red-band trout. Also, 21 acres adjacent to Bully Creek will be planted, two wells will be drilled, 2.2 miles of pipeline and 21 troughs installed. OWEB funds are requested for project manager (9%), engineering (6%), livestock wells (20%), diversion (38%), fencing (1%), pipeline/troughs (11%) plant/seed (14%), administration (10%) and monitoring (3%). Cost-share partners include USFWS, ODFW, Malheur SWCD, NRCS, landowner and Malheur Watershed Council.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-251	OWEB		Willow Cr Water Quality Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$0.00	\$59,981.00	Middle Snake-Boise

Project Description
A pump-back system will be installed to collect, store and transport tailwater to be reused on six fields (150 total acres). Irrigation ditches will be converted from open-earthen ditches to cement and PAM used to reduce erosion; an irrigation pond will be fenced and alternative livestock water will be provided from an existing domestic well. Watershed benefits include improved water quality. OWEB funds are requested for technical assistance (2%), pipe/installation (23%), pond construction (6%), laser-land leveling (11%), pump/headgates (12%) cement ditch (36%) administration (10%). Other cost-share partners include USFWS, Pheasants Forever, Vale Oregon Irrigation District, NRCS and the landowners.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-166	OWEB		Wilson Cr Stream Restoration & Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	13-AUG-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$26,905.00	Middle Columbia

Project Description
This project will reestablish Wilson Creek to its original channel and remove fish migration barriers. Project elements include lift and rock 2,000' of road above the stream channel; install 2 high-water ford crossings to allow fish passage; and reestablish 850' of historic stream channel. Watershed benefits include improved water quality, improved fish migration and spawning/rearing habitat for redband trout. OWEB funds are requested for contracted services/equipment rental (55%), rock pit development (7%), materials-cattleguard/concrete/rock/geotextile fabric (31%) and administration (7%). Cost-share partners include the ODF and Glavey Ranches LLC.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-903	OWEB		(09-02 OWEB Funds)-Burned Land Emergency Re-seeding	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$0.00	\$162,365.00	Willamette

Project Description
Summer 2002 burned lands emergency re-seeding

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-007	OWEB		2003 NNWC Streamside Planting Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	23-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$29,970.00	Northern Oregon Coastal

Project Description
This project will restore plant trees and native shrubs on the riparian property of nine different landowners, a total of 2.3 miles of streambank, in the Nestucca River watershed. The project will also provide maintenance to last year's plantings on nine other properties. OWEB funds will be used for the purchase of trees and shrubs, planting supplies, tree protection devices, equipment, production cost, work crews and a project manager.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-028	OWEB		Anderson Cr Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$56,718.00	Southern Oregon Coastal

Project Description
The project proposes to undertake an aggressive native vegetation planting plan and three years of invasive exotic vegetation control. Project funds requested would be used for project management, wetland vegetation salvage and planting, willow collection, a planting crew, two brush cutters, monitoring, exotic vegetation control, plants, related supplies and materials, back pack sprayers and fiscal administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-023	OWEB		Applegate Basin Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	27-FEB-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$109,270.00	Southern Oregon Coastal

Project Description
The project would continue the Applegate River Watershed Council's Riparian Restoration Program the Applegate River watershed. Under the current proposal, 30,000 native trees and shrubs will be planted, noxious weeds will be removed and grazing management plans would be developed and implemented on those landowners managing livestock. Project funds requested would be used for project management, travel, site prescriptions, fencing and planting labor, seedlings, equipment rental, site preparation, stock watering and fiscal administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-152	OWEB		Banks Wetland Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	29-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$57,116.00	Willamette

Project Description
This project will restore and enhance degraded habitat along a 1,700-foot segment of the 40-mile loop trail that borders the northern portion of Smith Lake in the City of Portland. The work includes removing approximately 26,000 sq. ft. of impervious roadway and enhancing forested habitat along the area. OWEB funds would be used primarily for engineering design, permits, contracted services, and materials.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-027	OWEB		Booke Wetland Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	25-NOV-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$39,722.00	Southern Oregon Coastal

Project Description
This project will restore 30 acres of drained agricultural land to a wetland, wet meadow and upland habitat through drain pipe removal and plugging. Shallow water areas will be created, native vegetation will be reestablished and exclusion fence will be constructed. Project funds requested would be used for project management, planning/design, construction materials, contracted services, plants, supplies, monitoring, travel and fiscal administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-025	OWEB		Champagne Cr Riparian Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	25-NOV-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$11,413.00	Southern Oregon Coastal

Project Description
The project is located on Champagne Creek in the South Umpqua River watershed. Best management practices including riparian fencing, planting, off-channel water development and hardened crossings will be implemented to help reduce any possible nutrient inputs and provide for future shading to help cool water temperatures. Project funds requested would be used for design, travel, fencing materials, planting materials, hardened crossings, weed/moisture control materials and fiscal administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-094	OWEB		Church & Lay Small Pond Development	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	28-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$21,048.00	Middle Snake-Powder

Project Description
 Funds are sought for building two ponds to be used primarily for wildlife habitat and secondarily for livestock water. The ponds address water quality issues, following SB1010 objectives, as early season runoff will be captured and stored, providing a late-season release. OWEB funds are requested for mobilization (8%), pond construction (62%), fencing installation (6%), livestock watering system (6%), fence installation (6%) and administration/personnel (12%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-114	OWEB		Circle Cr Acquisition	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$0.00	\$300,000.00	Northern Oregon Coastal

Project Description
 The North Coast Land Conservancy proposes to acquire a 365-acre floodplain property along the Necanicum River in Seaside. Acquisition of this property would protect one of the largest remaining spruce swamps on the Oregon coast and set the stage for restoration of a functioning natural floodplain system with high value for native fish and wildlife. The property includes 3.1 miles of Circle Creek, a highly productive low-gradient stream that provides high quality rearing habitat for juvenile salmonids, and 1.7 miles of frontage along the Necanicum River, a major producer of coho salmon. The funds requested will match a US Fish and Wildlife Service Coastal Wetland Conservation Grant of \$750,000, which was submitted by OWEB in June 2002.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-114B	OWEB		Circle Cr Acquisition - Direct Costs	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	16-MAY-03 - 02-DEC-03	Salmon Habitat Protection and Restoration	\$0.00	\$1,830.98	Northern Oregon Coastal

Project Description
 Direct costs associated with acquisition grant, ie, review appraisal, AG Costs, DEQ costs

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-728F	OWEB		Clackamas Co. 2002/03 fish passage - Gerber Road	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Salmon Habitat Protection and Restoration	\$364,235.00	\$0.00	Willamette

Project Description
Culvert replacements on Gerber Road

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-728C	OWEB		Clackamas Co. 2002/03 fish passage - Gibson Site	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	10-JUL-02 - 04-APR-03	Salmon Habitat Protection and Restoration	\$62,044.47	\$0.00	Willamette

Project Description
Culvert replacements

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-728D	OWEB		Clackamas Co. 2002/03 fish passage - Graves Road	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 - 04-APR-03	Salmon Habitat Protection and Restoration	\$29,067.53	\$0.00	Willamette

Project Description
Culvert replacements

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-728E	OWEB		Clackamas Co. 2002/03 fish passage - Henry Creek	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 - 04-APR-03	Salmon Habitat Protection and Restoration	\$270,803.07	\$0.00	Lower Columbia

Project Description
Culvert replacements on Henry Creek

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-728A	OWEB		Clackamas Co. 2002/03 fish passage - Howards Mill	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 - 04-APR-03	Salmon Habitat Protection and Restoration	\$35,704.58	\$0.00	Willamette
Project Description					
Culvert replacements					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-728B	OWEB		Clackamas Co. 2002/03 fish passage - Needy Road	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	10-JUL-02 - 04-APR-03	Salmon Habitat Protection and Restoration	\$29,643.00	\$0.00	Willamette
Project Description					
Culvert replacements					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-154	OWEB		Clackamas River WS Riparian Protection	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	30-JUL-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$48,050.00	Willamette
Project Description					
This proposal is to conduct Phase II of the Japanese Knotweed Control Program begun (and funded by OWEB) in the Clackamas River Watershed in 2001. The project requests support for a full-time Metro four-person crew to facilitate an expanded, aggressive control effort. OWEB funds would be used primarily for personnel, contracted services and outreach.					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-118	OWEB		Clatsop Co Riparian Restoration Project 2003	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	18-FEB-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$39,185.00	Northern Oregon Coastal

Project Description
This riparian planting and maintenance project would plant and maintain, until free-to-grow, approximately 11,000 trees and native shrubs on the property of 9 different landowners on the Necanicum and Lewis & Clark Rivers in Clatsop County. Site preparation work would be necessary on most of the sites because of current invasive plant species infestations. Various herbivore protective strategies, including fencing and tubing, will be employed as well. OWEB funds will be used to pay a project manager, travel costs, supplies & materials and maintenance/monitoring costs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-073	OWEB		Clover Flat/Valley Falls WS Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	26-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$27,250.00	Oregon Closed Basins

Project Description
This project would construct off-stream water development and fencing to manage livestock away from Green Creek during the nine months (excluding winter) of use. OWEB funds will be used for contracted services, supplies and materials and grant administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-137	OWEB		Coquille WS Project Maintenance	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	25-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$94,450.00	Southern Oregon Coastal

Project Description
This project would complete tree and brush maintenance on approximately 130 miles of riparian enhancement projects completed in the Coquille River Watershed by the Coquille Watershed Association (CWA). These projects consist primarily of livestock exclusion fencing and riparian planting. Types of maintenance would include brush and grass clearing (tree release), and re-planting of riparian areas as needed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-198	OWEB		Courtney Small Pond & Nutrient Management	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	30-APR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$17,822.00	Lower Snake

Project Description

This project will build a small swale to capture livestock runoff, build a small pond, develop 2 springs, provide livestock water and install 1,120' of cross-fencing. The pond is solely for wildlife habitat. To capture livestock runoff, a small swale will be built above the pond, where sediment and nutrient-contaminated water can evaporate and infiltrate before reaching the pond. OWEB funds are requested for mobilization (5%), equipment rental (45%), fencing (8%), spring development and watering materials (27%), technical assistance/monitoring/administration (15%). Cost-share partners include the landowner, BOR and NRCS.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-194	OWEB		Coyote Butte Controlled Burn	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	25-MAR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$38,475.00	John Day

Project Description

The project will increase desirable forage, restore desirable riparian vegetation, decrease undesirable species, mitigate wildfire potential and decrease soil erosion potential. The project will have demonstration value highlighting the combination watershed range enhancement and fuels reduction. The applicant proposes to implement a controlled burn on 535 acres, fuels reduction and pruning on 65 acres, aerial application of herbicide on 475 acres, aerial grass seeding on 150 acres and installation of an off-site water trough. OWEB funds are requested for contracted services for thinning, burning, installation of water trough, aerial seeding and spraying (99%) and administration (1%). Cost-share partners include the landowner.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-080	OWEB		Crooked River Shared Hydrologist	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	14-APR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$45,500.00	Deschutes

Project Description

Currently the Crooked River watershed council has an MOU with Ochoco National Forest for one-third time of a full time shared hydrologist. This project would extend the MOU until October 2004 to allow that position to oversee implementation of projects and continue project design. OWEB funds would be used to fund salary related to specific project completion and grant administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-195	OWEB		Davidson Stream Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	31-JUL-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$20,569.00	Lower Snake

Project Description

This project addresses a severe head-cut and channel reconstruction. It proposes to construct a 2,150' stream channel, reshape and seal an existing pond, construct a new pond to expand wildlife habitat and the project area enrolled in CREP. OWEB funds are requested for contracted services for the pond construction, wood debris, placement, bentonite, reshaping the old channel, data input (90%) and administration (10%). Cost-share partners include the landowner. Agencies will be involved with project inspection.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-067	OWEB		Direct Seeding Incentive/Sherman Co	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	18-FEB-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$169,865.00	Middle Columbia

Project Description

Direct seeding provides crop residue throughout the wheat crop cycle to reduce runoff and sediment transport. The project would help cover the additional start-up costs of converting to direct seeding by providing \$15/acre for 2 out of 3 years the grower would commit to direct seeding. OWEB funds would be used to provide the cost share, along with EQIP funds, personnel, and for monitoring and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-174	OWEB		Double K Ranch Wetland Treatment Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	09-APR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$31,767.00	Klamath

Project Description

The 600 acre ranch borders the Wood River in the Klamath Basin. The landowner is seeking ways to enhance the compatibility of the ranch with the fish and wildlife resources in the adjoining wetlands, riparian and aquatic environments. This project will design and construct 3 wetlands of 4, 12 and 5 acres and install fencing to exclude livestock.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-268	OWEB		Emergency Drought-Water Right Acquisition	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$0.00	\$17,000.00	Southern Oregon Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-096	OWEB		Esplin Water Quality Protection	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	13-NOV-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$37,000.00	Middle Snake-Boise

Project Description

This project will move a feedlot out of its existing location in a draw and away from the Sheep Creek tributary; build a water-and-sediment control basin; prepare a comprehensive animal waste management plan and restore the present location by seeding it to crested and tall wheatgrass. OWEB funds are requested for engineering (29%), fencing (15%), feed lot relocation (49%), and administration (7%).

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-019	OWEB		Fate Cr Culvert Replacement	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$9,932.00	Southern Oregon Coastal

Project Description

This project proposes to replace an existing culvert with a pipe arch, remove an irrigation dam and install a rock chute to preserve establish habitat values. Cemented gabions will be replaced with rock weirs. The project will facilitate fish passage into four miles of habitat above the barrier. Project funds requested would be used for a field technician, culvert costs, installation and design and fiscal administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW003	OWEB	Bernie Kepshire, Michael Lambert, Ray Hartl	Fish Screens and Fish Passage Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$581,879.00	\$4,300,000.00	Oregon - Statewide

Project Description

These PCSRF funds will be used to fund three positions (3.0 FTE) and their associated services and supplies. All three of these positions provide the technical and financial assistance needed by water users throughout the state to install appropriate fish screening and passage facilities required to restore and protect migrating salmonids.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-097	OWEB		Fletcher Gulch Restoration Site	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	13-NOV-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$272,675.00	Middle Snake-Boise

Project Description

The project is a system of practices, both established and conceptual, combined to address water quality, water and soil conservation and wildlife habitat. A carefully designed gravity-fed, low-pressure sprinkler system will be efficiently and effectively used along with water management, soil health improvement, seeding on non-cropped area, cover crops and several conservation practices. OWEB funds are requested for pipe and installation (65%), engineering (8%), pumping plant/filters (12%), field labor (6%), meters/sensors (3%), administration (5%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-175	OWEB		George Springs	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-MAR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$45,000.00	Klamath

Project Description

The project site is a spring adjacent to the Sprague River and is an important spawning site for endangered suckers and redband trout. The outlet channel is degraded and blocked by river sediments. This project would restore habitat features, stabilize the spring channel outlet and reconfigure the channel to create spawning structures that retain gravel in pool tailouts.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-138	OWEB		Gibby Riparian Protection & Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	10-MAR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$17,788.00	Southern Oregon Coastal

Project Description

The project goal is to restore the riparian area and continue to have livestock on the property. To accomplish this goal, livestock exclusion fencing will be placed along the riparian area. Where appropriate, riparian plantings will be undertaken with appropriate vegetation types and quantities, a single hardened livestock crossing will allow access to the other side of the property, a water network will be developed to allow water to be distributed to pastures and will be placed to encourage livestock to utilize all available acreage and reduce pressure on riparian fencing. It will also assist with rotational grazing.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-176	OWEB		Gilliam Lonerock Stock Watering Systems	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	28-APR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$31,723.00	John Day

Project Description

This proposal will cost share livestock water developments away from riparian areas in Gilliam County. Three systems are proposed which will take pressure off of East Fork Thirty-mile and Lonerock Creeks, both of which provide steelhead spawning and rearing habitat and are water quality listed for exceeding the temperature standards.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-177	OWEB		Goose Lake Restoration & Riparian Protection	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	09-APR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$495,660.00	Upper Sacramento

Project Description

This project will restore 12 miles of stream and riparian habitat on Thomas and Cottonwood Creeks just upstream from Goose Lake in Lake County. Wetlands in excess of 2,000 acres will also be restored. This project will enhance water quality and habitat conditions for the Goose Lake Redband Trout and the federally listed Modoc sucker.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-178	OWEB		Grass Valley WS Enhancement Projects on 3 Farms	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	11-MAR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$41,583.00	John Day

Project Description
This project would assist three farming operations in Sherman County by constructing 55,919 feet of terraces, 28 water and sediment control basins and 3,234 feet of grass waterway for a total treatment area of 800 acres. These projects would reduce sediment into the Deschutes, John Day and Columbia rivers.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-196	OWEB		Habecker-Wade Fish Passage & Irrigation Improvement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	23-APR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$34,250.00	John Day

Project Description
The project proposes to replace 7,600' of earthen ditches with gated-PVC irrigation pipe and provide access for steelhead and red-band trout to 10 stream miles of the West Branch of Bridge Creek by installing a fish friendly diversion weir. An existing flume will also be replaced. Project outcomes include improved water quality and quantity. OWEB funds are requested for engineering (15%), flume construction (15%), PVC (58%) and administration/monitoring (12%). Cost-share partners include USFWS, NRCS, OWRD, ODFW and the landowners.

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW004i	OWEB	Christopher Yee, Kelly Reis, Suzanne Knapp	Habitat and Fish Management Biologists	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$145,318.00	\$0.00	Willamette

Project Description
Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-099	OWEB		Harshfield Little Sheep Cr Bank Stabilization	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	02-SEP-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$7,116.00	Lower Snake

Project Description
 Floods in 1992, 1995 and 1997 caused serious bank scouring on a bend of Little Sheep Creek creating a 6-ft cutbank behind a hay shed. This project will install 4 rock-vortex weirs to center the Thalweg, relieving the pressure on the corner, reducing erosion potential and sediment transport. A rock toe will be constructed at the base of the cutbank.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-100	OWEB		John Day Basin Juniper Control	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$0.00	\$30,000.00	John Day

Project Description
 The project proposes to thin dense juniper stands that sequester water supply in the watershed to increase water quantity, quality and improve upland condition. The applicant seeks to target 2,000 acres per year for juniper removal. Treatment sites will be surveyed for available native grass and shrub seed sources. OWEB funds are requested for juniper removal (100%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-155	OWEB		L Molalla River Mine Land Reclamation & Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	14-FEB-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$11,152.00	Willamette

Project Description
 This proposal is to enhance fish and wildlife habitat and stabilize a segment of the Lower Molalla riverbank impacted by pre-law mining. The now-abandoned mine processing site is devoid of all riparian vegetation. The project will restore 3.5 acres of riparian habitat and create a .5 acre seasonal wetland. OWEB funds would be used primarily for purchasing and establishing the riparian plants and project monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-024	OWEB		Little Applegate Road Sediment Reduction	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$99,060.00	Southern Oregon Coastal

Project Description

This project proposes to reduce erosion and delivery of sediment to anadromous fish-bearing streams in the Applegate River watershed. Road rehabilitation, including drainage improvements, aggregate applications, stream crossing improvements and road decommissioning will reduce erosion at documented, high priority sediment source areas in the Little Applegate River watershed. Project funds requested would be used for project management, travel, road improvements, field and office supplies, mailing, film, monitoring equipment and fiscal administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-180	OWEB		Lower Sycan River Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	16-JAN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$83,500.00	Klamath

Project Description

The Sycan River in Klamath County is water quality limited with high nutrient loads, low dissolved oxygen, high temperatures and sediment. This project would restore two miles of stream and 480 acres by reconstructing the channel to narrow it and add sinuosity to reconnect it to its floodplain, reconnecting springs to the river, restoring off-stream wetlands and fencing the riparian areas.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-051	OWEB		McCarthy Cr Wetland Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	09-APR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$193,171.00	Willamette

Project Description

This proposal seeks funding for restoration of floodplain connectivity among three properties. Fishways and water control structures will allow for adaptive management to promote habitat recovery for threatened, endangered, and other wetland-dependent species. OWEB funds are requested for permitting, engineering, contracted labor, construction management/materials and 5 years of monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-181	OWEB		McKenzie Canyon Black Butte Assn Canals Pipeline Phase I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-MAR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$164,000.00	Deschutes

Project Description
 This project would replace an open irrigation canal with two miles of 34 inch pipeline resulting in the transfer of 1.2 cfs of water to Squaw Creek near Sisters. Squaw Creek supports endangered bull trout and it will play an important role in the re-introduction of anadromous fish in the upper Deschutes Basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-009	OWEB		Merrill Cr Culvert Replacement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	10-OCT-02 - 03-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$29,025.00	Lower Columbia

Project Description
 This project will replace a failing culvert with a bridge over Merrill Creek, a tributary of the Lower Columbia River near the community of Deer Island in Columbia County. OWEB funds would be used for project construction and production.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-060	OWEB		Metolius Preserve Acquisition	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	18-JUN-03 - 16-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$450,000.00	Deschutes

Project Description
 This project would assist in the purchase of 1240 acres of forest land in the Lake Creek Subbasin to the Metolius River for restoration, education and recreation. The property is a unique ecosystem of large yellow-belly ponderosa pine and spring-fed streams surrounded by national forest managed lands. Lake Creek historically provided key habitat for spring chinook and sockeye salmon and it currently provides habitat for redband and bull trout (the bull trout is a federally endangered species).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-060A	OWEB		Metolius Preserve Appraisal	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	- 24-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$562.50	Deschutes

Project Description
Appraisal for the Metolius Preserve.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-016	OWEB		Middle Rogue Riparian Planting Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	25-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$108,196.00	Southern Oregon Coastal

Project Description
This project will initiate a coordinated riparian vegetation-planting program targeting streamside reaches in the Middle Rogue Watershed. The intent is to plant sixty properties per year dependent upon size of property, stream length and site condition and site preparation needed. Project funds requested would be used for Project management, travel, planting and site prep, cold tree storage, follow up weeding and watering, seedlings, mulch mats and associated supplies, tree protectors, shade cards, field supplies and fiscal administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-050	OWEB		Milton Cr Dam Removal	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	14-MAR-03 - 09-SEP-03	Salmon Habitat Protection and Restoration	\$0.00	\$4,035.00	Willamette

Project Description
This proposal is to remove a concrete dam that has been identified as a partial fish barrier in a key sub-watershed. The project will open quality fish habitat in the 23,000-acre Salmonberry Forest property owned by the City of St. Helens. OWEB funds are requested for contracted design and permitting, construction materials and labor.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-200	OWEB		Monument Fire Ellingson Burned Area Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	10-FEB-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$76,520.00	Middle Snake-Powder

Project Description
The Monument Fire burned 22,400 acres in July 2002 with 640 acres on private land and the remainder on USFS. Of the 640 acres burned on private, 80% burned at high intensity and 20% moderate intensity. The project will involve re-seeding, contour falling, micro-site planting and stream corridor restoration on the high intensity portion. OWEB funds are requested for fallers-200 acres (26%), planting labor (38%), seedlings/sedges/shrubs (32%), culvert (1%) and administration/personnel (3%). Cost-share partners include ODF, ODFW, NRCS, Forest Incentive program, Forest Land Stewardship Program, Stewardship Incentive Program, National Fire Plan Hazard Mitigation and Burnt River SWCD and the landowners.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-202	OWEB		Morse Road Rehabilitation Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	02-SEP-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$31,596.00	Lower Snake

Project Description
This project will reduce sediment inputs into Squaw Creek and unnamed tributaries of the Grande Ronde river, improving water quality, and fish rearing/spawning habitat for fall and spring chinook and summer steelhead (ESA-listed species). Proposed elements include: 1,115' of road realignment/reconstruction; 1,415' of road rocking; install 3 culverts and rock 1 ford. OWEB funds are requested for equipment rental (dozer and grader) and rock-pit development (60%), pit-run and crushed rock (16%); geotextile fabric (16%) culverts (6%), and administration (2%). Cost-share partners include the landowner, and ODF.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-203	OWEB		Mountain Cr Diversion Replacements	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	08-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$22,330.00	John Day

Project Description
The project seeks funding to replace 2 diversion structures with 1 fish friendly alternative in Mountain Creek, a tributary of the upper mainstem John Day River. It is proposed to consolidate the downstream ditch into the upstream ditch. Watershed benefits include improved water quality and fish passage for ESA-listed summer steelhead and improving water control and delivery monitoring. OWEB funds are requested for contracted services (18%), supplies/materials (64%), water right changes (9%) and administration (9%). Cost-share partners include OWRD and the landowner.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-156	OWEB		Mt Scott Cr (Bischel Property) Fish Passage Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	11-MAR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$26,996.00	Lower Columbia

Project Description

This proposal is to improve fish passage at a private driveway in Clackamas by removing 3 culverts and replacing them with a full-span concrete bridge. The project includes removal of non-native invasive vegetation and planting native vegetation up and downstream from the bridge. OWEB funds would be used primarily for project design, coordination and contracted services.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-204	OWEB		Mud Lake Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	23-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$184,330.00	Oregon Closed Basins

Project Description

The project will construct a carp barrier adjacent to Hwy 205 at The Narrows, south of Burns. The barrier will prevent carp from entering Mud Lake, a 9,400 acres marsh west of Hwy 205, dramatically improving water quality and habitat for native wildlife. The structure is also part of a larger comprehensive effort to control carp populations throughout the Malheur Lake basin. OWEB funds are requested for engineering (8%), technician/project coordinator (10%), mobilization (3%), compacted fill (8%), pre-cast box culverts (37%), trash racks/fish barriers (32%), and administration (2%). Cost-share partners include Harney SWCD, USFWS and DU.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-092	OWEB		NE Oregon Stream Crossing Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	08-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$85,800.00	Middle Columbia

Project Description

This project is to provide immediately available funding for non-industrial private landowners to replace, repair or enhance stream crossings and forest roads within 300' of stream crossings. The work will be done on main-channel streams to directly improve water quality, fish passage & habitat and will be funded at a 65% cost-share. OWEB funds are requested for stream-crossing restoration (90%) and administration (10%).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-045	OWEB		Norton Cr Culvert Replacement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	09-DEC-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$111,205.00	Willamette

Project Description
This proposal is to remove and replace two culvert crossings in the Mary's River watershed and to enhance the associated streambed. This will provide fish passage upstream to about 2,600 acres and 8 miles of "good" fish habitat. OWEB funds are requested for personnel, contracted labor/equipment, construction materials, production and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-163A	OWEB		Oregon City 2003 Fish Passage Improvement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	16-APR-03 -	Salmon Habitat Protection and Restoration	\$133,811.00	\$0.00	Willamette

Project Description
Same as 203-156. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWRD002a	OWEB	OWRD	OWRD Habitat Protection and Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$838,298.00	\$0.00	Oregon - Coastal

Project Description
Distribute water to instream water rights, protect instream water rights from injury. Project will target ESUs that occur in Oregon coastal watersheds and Columbia River tributaries in Oregon.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-205	OWEB		Perry Riparian & Grazing Management	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	08-APR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$16,385.00	Lower Snake

Project Description
 New owners propose to ameliorate past poor management on 282 acres of range/timberland. Currently, there are no cross fences or developed water to better manage livestock and prevent over utilization of the riparian area on Robbs Hill Creek. Project elements include developing 2 springs, drilling a well for livestock water, fencing a 2.5 acre wetland, creating a riparian pasture and installing cross-fencing. OWEB funds are requested for well drilling and hookup (24%), spring excavation/materials (47%), fencing materials (19%) and administration (10%). Cost-share partners include the landowners.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-090	OWEB		Phase II Bear Gulch WS Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	14-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$27,050.00	Lower Snake

Project Description
 The project is proposing restoration of uplands in the Big Sheep drainage, including an upland playa, by installation of 7,000' of fencing, 4 water developments and 7 acres of planting. OWEB funds are requested for fencing (37%), water developments (21%), technical assistance (18%), planting (17%) and administration (7%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-206	OWEB		Pine Cr Clarno Rd Fish Passage Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	23-APR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$25,135.00	John Day

Project Description
 The project seeks funding to restore fish passage at a crossing on Clarno Road. A previous OWEB grant funded the engineering design for restoring fish passage at 3 locations on Pine Creek, of which one site has already been completed. A 40'-long, 12'-wide bottomless-arch CMP is proposed to be installed. OWEB funds are requested for construction (53%), engineering (14%), CMP (22%) and administration (9%). Other cost-share partners include CTWS, USFWS, Wheeler County Road Department and Wheeler SWCD.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-068	OWEB		Pine Hollow/Jackknife WS Enhancement/9 Farms	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	18-FEB-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$87,628.00	John Day

Project Description
 Watershed enhancement projects on 9 farming operations would include spring and water developments for better livestock distribution, range seedings, water and sediment control basins, terraces and riparian fencing in the Pine Hollow and Jackknife subbasins to the John Day River in Sherman County. OWEB funds would be used to pay for personnel, contracted services, administration and monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-072	OWEB		Point Ranch WS Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	25-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$88,827.00	Upper Sacramento

Project Description
 In order to improve water quality and protect redband trout, this project would construct 8 miles of riparian pastures and stock ponds to provide off-stream water for livestock. Juniper cutting will restore upland vegetation and hydrology and a fish passage friendly structure will replace an existing water control structure. OWEB funds will be used for contracted services, supplies and materials and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-207	OWEB		Powder Riparian Enhancement & Livestock Dispersal	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	16-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$26,255.00	Middle Snake-Powder

Project Description
 This project seeks cost-share funding to install 2.25 miles of riparian fencing, develop 3 water sources and install troughs. A solar pump will be installed at a well at an abandoned homestead to pump water to a trough; the other 2 sites are perennial springs. Watershed benefits include decreased sediment and nutrient loading into the Powder River, improved shading, reduced upland erosion and better noxious weed control. OWEB funds are requested for solar pump and installation (19%), fencing (54%), troughs/spring box (10%), excavation (7%) and administration (10%). Cost-share partners include the landowner.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-184	OWEB		Restoration of Bull Trout Habitat in Long Cr - Sycan Marsh	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	09-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$49,463.00	Klamath

Project Description
 This project will construct two miles of fence, remove two miles of fence and monitor fish presence through the restoration area in Long Creek on the west side of Sycan Marsh in Lake County. The project will protect 560 acres of riparian habitat to support the ESA listed bull trout.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-101	OWEB		Richartz Canal Piping/Walla Walla R Conservation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	08-NOV-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$170,000.00	Middle Columbia

Project Description
 This project seeks cost-share funding for piping almost 3 miles of open canal with 16 users, 1,111 acres and return and protect 4 cfs to the river using the Conserved Water Program. The completed project will restore summer flows for 4 miles of habitat used by ESA-listed steelhead and bull trout. OWEB funds requested for pipe and materials (97%) and administration (3%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-121	OWEB		Riparian Restoration Project-Yachats & Beaver Cr	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$26,259.00	Northern Oregon Coastal

Project Description
 This project would enhance riparian conditions on six private properties on the Yachats River and Beaver Creek, two 303(d) listed streams in the mid-coast region. Native trees and shrubs will be planted, protected by a variety of strategies and maintained until free-to-grow. OWEB funds will be used for planting stock, planting activities, protective materials and maintenance.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-029	OWEB		Rogue River Stakeholders Group Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-SEP-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$283,780.00	Southern Oregon Coastal

Project Description

The project proposes to prevent pit capture by the Rogue River of abandoned floodplain gravel pits by constructing four stream barbs to arrest bank erosion. The project will protect fish habitats and water quality. The implementation of the project will help prevent future channel avulsion and resulting impacts to fisheries and habitats. Funds requested from OWEB would be used for post-construction modeling, trucking of rock, barb construction preparation of construction specifications and fiscal management.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-164A	OWEB		S Meadow/BPA Parcel Floodplain Enhancement Project III	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	23-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$131,100.00	Willamette

Project Description

Located at the Buford Park/Mt. Pisgah Arboretum in the Coast Fork Willamette floodplain, this project will: 1) plant 4,500 native trees and shrubs; 2) irrigate 7,000 trees and shrubs planted in 2002-03; 3) design, engineer and secure permits to reopen side channels to restore river-floodplain interaction; 5) implement channel modification measures; and 6) continue exotic species special control efforts. OWEB funds would be used primarily for personnel, labor, contracted services, materials and equipment lease.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-164	OWEB		S Meadow/BPA Parcel Floodplain Enhancement Project III	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	29-APR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$156,110.00	Willamette

Project Description

Located at the Buford Park/Mt. Pisgah Arboretum in the Coast Fork Willamette floodplain, this project will: 1) plant 4,500 native trees and shrubs; 2) irrigate 7,000 trees and shrubs planted in 2002-03; 3) design, engineer and secure permits to reopen side channels to restore river-floodplain interaction; 5) implement channel modification measures; and 6) continue exotic species special control efforts. OWEB funds would be used primarily for personnel, labor, contracted services, materials and equipment lease.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-159	OWEB		Sandy River WS Riparian Protection Phase III	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	23-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$75,323.00	Lower Columbia

Project Description
 This proposal is for the fourth year of a landscape-scale effort to remove noxious weeds, especially Japanese and giant knotweed, in the Sandy River watershed. The project includes an education-outreach program and volunteer action. OWEB funds would be used primarily for personnel, contracted services, supplies and outreach.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-160	OWEB		Scappoose Bay WS Priority Fish Passage Correction	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-MAR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$127,445.00	Lower Columbia

Project Description
 This resubmitted proposal is for correction of 7 high-priority fish passage barriers in the Scappoose Bay watershed. OWEB funds would be used primarily for project coordination, contracted services for engineering design, permitting, and construction and contingency funds..

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-071	OWEB		Schons Bridge Cr Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	21-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$19,850.00	Oregon Closed Basins

Project Description
 Bridge Creek, a tributary to Silver Lake Marsh, supports redband trout. This project would build on previous fish screen installations and riparian fencing by installing a third fish screen and four more miles of riparian fencing, one-half mile of cross fencing and a portable solar water pump for off-stream livestock water. OWEB funds will be used for supplies and materials and administration of the grant.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-161	OWEB		Second Avenue Culvert Removal Periwinkle Cr Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	31-MAR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$26,000.00	Willamette

Project Description

This project involves removing a failing culvert and associated fill along Periwinkle Creek in the City of Albany, dead-ending the overlying street, removing blackberries, and restoring in-stream, bank and riparian features and functions. OWEB funds would be used primarily for contracted services related to culvert removal, slope protection and plantings and obtaining a manufactured home space.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-209	OWEB		Service Cr Stock Watering Systems	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	09-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$26,420.00	John Day

Project Description

The applicant is seeking funds to cost-share the construction of .5 mile of fencing to protect a spring; pipe and install 2 spring-fed stock troughs and install another trough to be fed from a pump site off Service Creek, a tributary to the John Day River. Anticipated watershed benefits include improved riparian vegetation, increased streamflows throughout some reaches and improved water quality resulting from reduced sediment load to Service Creek. OWEB funds are requested for engineering (4%), equipment rental (7%), materials/supplies (69%), pump construction (9%) and administration/monitoring (11%). Cost-share partners include NRCS and two landowners.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-186	OWEB		Sheldon Ridge Fire Rehabilitation Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	04-FEB-03 - 27-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$35,498.46	Middle Columbia

Project Description

This project would rebuild 18 miles of livestock fencing and reseed 630 acres within the 12,465 acre Sheldon Ridge fire west of The Dalles.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-210	OWEB		Silvies River Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	22-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$289,899.00	Oregon Closed Basins

Project Description

The project will restore 5 miles of the West Fork of the Silvies River, which was ditched, diked and straightened, back to a naturally functioning river and floodplain. The entire project includes approximately 2,250 acres of restored wetlands, riparian habitat and upland buffer. The project also includes a carp-control function that will enhance the entire watershed. OWEB funds are requested for river channel excavation & berm removal (69%), project coordinator (3%), mobilization (2%), engineering (3%), ditch filling/swale excavation (19%) and administration/monitoring (4%). Cost-share partners include NRCS, USFWS, DU and Harney SWCD.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-078	OWEB		Sprague River Wetlands/Ridgeway (Phase I & II)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	20-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$359,000.00	Klamath

Project Description

This project on the Sprague River would complete the excavation of a 25 acre flow-through seasonal wetland and it would enhance an 80 acre flow-through wetland oxbow. These projects will help address water quality limiting issues (the Sprague River is on the 303(d) list), provide water storage in the soil profile and reduce phosphorous entering Upper Klamath Lake. OWEB funds will be used for contracted services and grant administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-211	OWEB		Teeter Streambank Stabilization	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	23-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$79,670.00	Lower Snake

Project Description

The project seeks to correct bank failure on the Grande Ronde River by using a combination of willow trench with a vegetated mat and a rock toe. The project is approximately 650' downstream from the confluence of the State Ditch and Catherine Creek where the outside river bank is eroding and threatening an unimproved road that provides the only access to a back field on the Teeter Ranch. The area adjacent to the river will be enrolled in CREP with livestock exclusion.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-142	OWEB		Tenmile Lakes WS Riparian Enhancement & Upslope Erosion	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	18-APR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$99,008.00	Southern Oregon Coastal

Project Description

This project proposes to enhance and maintain riparian areas on seventeen stream reaches of six tributaries of Tenmile Lakes, fence three miles of Big Creek tributaries and implement Phase II of the basin-wide upland erosion control (seeding) program. Sites to be planted and erosion sites have been identified through a completed Riparian/Sediment Assessment.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-066	OWEB		Tieman Cr Fish Passage & Sediment Control	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	21-OCT-02 - 27-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$30,965.31	Middle Columbia

Project Description

The project would replace a culvert (fish passage barrier) with a bridge over Tieman Creek (a tributary of the East Fork Hood River). It would also rock the road to reduce sediment runoff. The creek has a resident population of cutthroat trout and was historically used by steelhead trout (an ESA listed species).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-125	OWEB		Tillamook Co SWCD WS Restoration & Enhancement Planting 2002	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$0.00	\$13,485.00	Northern Oregon Coastal

Project Description

This project would plant a mixture of willows and native trees on riparian land of four separate landowners in Tillamook County. Two of the properties are on the Nestucca River, one on the Trask River and one on Dougherty Slough (which drains into the Trask). OWEB funds will be used for planting crew wages and travel and a small amount for monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-083	OWEB		Tumalo Water Conservation Phase III Pipeline 1B	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	11-DEC-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$200,000.00	Deschutes

Project Description
Tumalo Creek serves as significant aquatic spawning habitat and connection to the Deschutes River. It also provides spawning gravels and cool water. This project would be the third OWEB supported portion of converting leaking, open main diversion canals to buried pipe in order to create conserved water to stay in Tumalo Creek and the middle Deschutes River. OWEB funds would be used for contracted services including design and construction.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-212	OWEB		Umatilla Walla Walla Basin Sustainable Agricultural	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	06-FEB-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$93,900.00	Middle Columbia

Project Description
The Umatilla and Walla Walla basin have experienced exponential growth of direct seeding since the beginning of the program in 1997. The SWCD intends to meet continuing requests of landowners to provide a first step into the direct seeding system by offering a \$10/acre incentive for equipment rental. OWEB funds are requested for program manager (9%), rental incentive (80%), fall tour (1%) and administration (9%). Cost-share partners include Umatilla SWCD, EPA, OSU and the landowners.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-728Z	OWEB		Unallocated Clackamas County Earmark	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$44,691.35	\$0.00	Lower Columbia

Project Description
Unallocated Clackamas County Earmark

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-046	OWEB		Vincent Cr Culvert Replacement & Stream Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-OCT-02 - 24-JAN-04	Salmon Habitat Protection and Restoration	\$0.00	\$39,680.00	Willamette

Project Description
 This proposal is to remove and replace a culvert on Alexander Road in the Luckiamute watershed and to revegetate the adjacent banks. This will open 1.1 miles of "good" fish habitat within a drainage boundary of 972 acres. OWEB funds are requested for contracted labor and equipment, and construction materials.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-091	OWEB		Wallowa Co Fuels Treatment & Forest Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$0.00	\$67,350.00	Lower Snake

Project Description
 The project will provide additional cost-share for precommercial thinning and slash treatment on 225 acres. These practices will increase productivity, reduce the potential for catastrophic fire, improve forest health and watershed health and function. OWEB funds are requested for contracted services for thinning & slash abatement (96%) and administration (4%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-187	OWEB		WeedSeeker Selective Spray Demonstration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	26-FEB-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$28,520.00	Middle Columbia

Project Description
 A new selective spray technology known as "WeedSeeker" will be demonstrated on a farm in the Fifteenmile watershed near The Dalles. This technology uses infrared scanners to apply herbicide only on live weeds – not bare ground. The erosion prevention practices of direct seeding and no-till rely on herbicide application to control weeds.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-189	OWEB		White River Fire Rehabilitation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	04-MAR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$96,422.00	Deschutes

Project Description
This project would rebuild 49 miles of livestock fencing destroyed by the White River fire in the Bakeoven and Buck Hollow watersheds in Sherman County.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-127	OWEB		Williams Cr Land Acquisition Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	18-SEP-03 - 23-SEP-03	Salmon Habitat Protection and Restoration	\$0.00	\$42,000.00	Southern Oregon Coastal

Project Description
This project proposes to purchase a 30.83 acre parcel along the mainstem of Williams Creek (T38S R5w Sec.26, TL 800) in order to permanently protect the functioning floodplain, riparian and aquatic habitats therein. Josephine County has agreed to sell the land to the Williams Creek Watershed Council and the Southern Oregon Land Conservancy (SOLC) for conservation purposes. This parcel includes a one half mile section of core coho habitat. Project partners include World Wildlife Foundation, Applegate River WC and Josephine Co. Public Works.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-127A	OWEB		Williams Cr Land Acquisition-Direct Costs	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	02-DEC-03 - 02-DEC-03	Salmon Habitat Protection and Restoration	\$0.00	\$1,150.08	Southern Oregon Coastal

Project Description
Review appraisal, AG and hazardous review costs

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-213	OWEB		Willow Cr Water Measuring Device Installations	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	04-FEB-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$15,000.00	Middle Columbia

Project Description
 The proposal seeks funding to install 37 water-measuring devices in irrigation ditches within the Willow Creek basin, most to be placed in Rhea Creek. It is proposed to install 25- 3.5 cfs, 10 -7 cfs and 2-10 cfs units. Improved water management will result. OWEB funds are requested for ramp flumes (91%) and administration (9%). Cost-share partners include OWEB and the landowners.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-695	OWEB		Adendum to Luther Constructed Wetland Grant #200-175	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-JUN-02 - 15-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$21,000.00	Middle Snake-Boise

Project Description
 Due to an overestimation of available water from the drain canal in the original survey, additional funding is needed to install a pump and pipeline system to supply the constructed wetland. The engineering estimate for earthwork has increased from 18,000 cubic yards to 20,000 cubic yards. OWEB funds are requested for engineering (21%), 15" pipe (55%), pumping plant (11%) and additional cubic yards of material (13%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-499	OWEB		Agency Creek Dam Removal & Stream Restoration Phase 2	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	11-MAR-02 - 01-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$95,040.00	Klamath

Project Description
 An existing dam structure blocks 1,600 feet of stream and 950 feet of prime spawning habitat on Agency Creek. Restoration of this stretch is expected to yield 80 -100 spawning redds which represents 20% of the total spawning area of the Wood River system. This project would remove the dam and safely remove the 2-3 feet of sediment, re-establish the channel with habitat complexity, vegetate it sufficiently to prevent movement or degradation and provide additional spawning gravels. OWEB funds would be used for construction.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-193	OWEB		Alder Springs riparian & Upland Restoration and Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-AUG-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$14,770.00	Deschutes

Project Description

This will implement activities that will improve water quality and protect bull trout rearing habitat within the Squaw Creek subwatershed. This project site is within a "semiprimitive, nonmotorized" management area and the Metolius Mule Deer Winter Range. Project goals are to 1) protect water quality by reducing stream sedimentation, 2) protect important redband and bull trout habitat by enhancing riparian vegetation, 3) prevent the spread of noxious weeds, and 4) restore upland vegetation.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-578	OWEB		Alesea Culvert Replacement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$56,592.00	Northern Oregon Coastal

Project Description

This project would fund the replacement of three culverts in the Alesea River/Five Rivers watershed that are undersized and impacting both adult and juvenile salmonid migrations. In addition, interim maintenance on the Five Rivers fish ladder will be conducted, after which upstream migrations of older age class steelhead juveniles may be restored. Over 75% of the OWEB funds requested will be spent on the purchase of the culverts and rock. The remainder is budgeted for project management, administration and monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-231	OWEB		Andre/State Lands Range Improvement project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-AUG-01 - 04-OCT-02	Salmon Habitat Protection and Restoration	\$0.00	\$169,468.00	Oregon Closed Basins

Project Description

This project will bring a reliable source of water for upland birds, wildlife, and livestock to approximately 45,000 acres on both private and state owned land that currently has only 6 seasonal ponds. This project will also subdivide a 24,000 acre pasture into two smaller pastures to change livestock utilization patterns, allow for a more flexible grazing system that will provide some full season rest, and provide water to the two pastures as well as three adjacent pastures.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-613A	OWEB		Appraisal West Eugene Wetlands	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	- 31-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$2,260.00	Willamette

Project Description
Appraisal for the West Eugene Wetlands.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-619	OWEB		Arboretum Habitat Enhancement Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$142,336.00	Willamette

Project Description
The Friends of Delbert Hunter propose a demonstration project involving stream bank re-grading, planting, and installation of engineered log jams to address bank instability and the need to trap spawning gravels, provide stream complexity and develop fish habitat. The project is along Rickreall Creek where it flows through the Delbert Hunter Arboretum in the City of Dallas. OWEB funds would be used for coordination, project construction, equipment rental, logs, plants and supplies.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-360	OWEB		Bakeoven Watershed Project 2002-2003	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-OCT-01 - 17-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$63,824.00	Deschutes

Project Description
This project proposes to construct 1.38 miles of fencing to exclude cattle from CRP lands, build sediment control basins, treat 1,000 acres of brush, and repair a stock pond to encourage livestock upland distribution.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-697	OWEB		Baker Irrigation Efficiency Walla Walla River	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$26,500.00	Middle Columbia

Project Description

The project seeks cost-share funding to convert 24.1 acres of flood-irrigated orchard to a permanent pumped mainline and lateral sprinkler system. The water savings will be protected instream as part of the conserved water program. An estimated .3 cfs instream water right will be created with 1865, 1890 and 1905 dates attached. OWEB funds are requested for irrigation pipe and pump materials (91%) and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-702	OWEB		Beagle Creek Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-FEB-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$14,060.00	Middle Snake-Powder

Project Description

One mile of a channelized and incised section of Beagle Creek will be restored and enhanced by installing livestock exclusion fencing, filling drainage ditches to restore wet-meadow habitat, install fish friendly culverts, construct wildlife ponds and tree planting. This section of stream was ditched in the 1970's and has been subsequently downcutting. OWEB funds are requested for DU wages (5%), culverts/channel construction/ditch filling(71%), administration and water quality monitoring (28%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-431	OWEB		Beaver Creek Farm Corporation Marsh Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 - 09-SEP-03	Salmon Habitat Protection and Restoration	\$0.00	\$1,859.96	Northern Oregon Coastal

Project Description

This project seeks to restore channel sinuosity and complexity and to restore natural marshy conditions in the South Fork of Beaver Creek in Lincoln County. Large logs would be placed in clusters in 6 different sites in the main channel and willows would be planted throughout the valley bottom in order to encourage beaver colonization and dam building in the main channel and two small tributaries. OWEB funds would be used to purchase and place the large logs and for administration of the project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-642	OWEB		Bergey Wetland Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$59,506.00	Willamette

Project Description
 East Lane SWCD and the Long Tom Watershed Council propose restoration of a farmed wetland to wet prairie, emergent wetland and oak savanna. OWEB funds would be used for project management, herbicide application, purchase and planting of trees and shrubs, planting supplies, water control structures, and water quality lab analysis.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-606	OWEB		Big Creek Structure Placement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-AUG-02 - 30-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$25,850.00	Southern Oregon Coastal

Project Description
 This project proposes to place 212 large logs and 304 boulders in 55 sites along a 2 1/2 to 3 mile section of creek to increase instream complexity, slow water velocities and accumulate gravels for coho, steelhead and cutthroat trout.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-103	OWEB		Big Elk Riparian Fencing	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-JUL-01 - 01-MAY-02	Salmon Habitat Protection and Restoration	\$0.00	\$2,578.00	Northern Oregon Coastal

Project Description
 The project establishes an 800 ft long, 90 ft wide livestock exclusion area along the mainstem Big Elk in an area classified by biologists as significant for restoration. Within this area, mixed conifer plantings will provide for the long term recovery of the riparian canopy. The project exists within a zone of open range cattle grazing where extensive damage to riparian corridors is common.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-238	OWEB		Big sheep Creek Riparian Fence	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-SEP-01 - 16-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$30,875.00	Lower Snake

Project Description
 Big Sheep Creek is a spawning ground for Chinook and steelhead and a migratory corridor for bull trout. This project consists of approximately 4.7 miles of fence along the Northwest side of Big Sheep Creek on one or both sides. This project will fence off the gap that is in the middle.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-582	OWEB		Blodgett Tract Railroad Throughfill Stabilization	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-JUN-02 - 21-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$25,589.06	Northern Oregon Coastal

Project Description
 This project will stabilize a 40' deep by 400' long railroad-era throughfill above Fishhawk Creek in the upper Nehalem River watershed on land owned by the OSU Research Forest. 100% of the requested OWEB funds will be used for equipment and operators and supplies/materials.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-683	OWEB		Bridge Cr Water Measuring Device Installations	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$5,212.00	John Day

Project Description
 This proposal seeks funding to install 11 ramp-flume water-measuring devices in irrigation ditches within the subbasin. Streamflows in Bridge Creek could be augmented at times and in certain reaches as a result of better water management and distribution. OWEB funds are requested for ramp flumes (87%), materials (4%) and administration (9%).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-684	OWEB		Brooks - West Branch of Brdg Cr Diversion Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$57,693.00	John Day

Project Description
 This project proposes to line 8,100' of earthen ditches with 10" PVC gated pipe and 1,320' of earthen ditches with 8" PVC pipe. The landowner will enroll in the Conserved Water Program, returning a portion of the water into Bridge Creek. Two gravel push-up diversions will be replaced with fish friendly alternatives on the West Branch and measuring devices will also be installed. OWEB funds are requested for equipment rental/mobilization (15%), PVC pipe (50%), materials (22%), administration and monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-082	OWEB		Buck Creek Instream Habitat Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-JUL-01 - 13-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$29,850.00	Northern Oregon Coastal

Project Description
 This project is an extension of the Crab-Green helicopter project funded in June 2000. The project will utilize a heavy lift helicopter to place whole trees in the mainstem of Buck Cr. A total of eight structures would be placed in 1 mile of stream. The US Forest Service would provide all trees necessary for completion of the project, the Oregon Dept. of Fish and Wildlife would plan and implement the project and the Mid Coast Watersheds Council would provide for the fiscal and informational aspects of the project.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-708	OWEB		Buhler Fence & Water Development	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-SEP-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$42,500.00	Lower Snake

Project Description
 The project proposes to develop 6 springs by installing spring boxes, pipelines and troughs and will fence the water sources from livestock access. In addition, 4 ponds will be developed and fenced and 7,600' of cross-fence installed. OWEB funds are requested for materials and installation (98%) and administration/monitoring (2%).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-104	OWEB		Bummer Cr. Salmon Habitat Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	08-AUG-01 - 21-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$6,149.00	Northern Oregon Coastal

Project Description
 Eight large woody debris structures will be placed in Bummer Creek to add structure and complexity to the stream channel which will improve habitat conditions for native salmonids (coho, cutthroat and steelhead). Woody debris will be configured to simulate natural debris jams and designed to slow water velocities, scour pools, capture sediments and additional debris, improve stream/floodplain interactions, and create overwinter habitat beneficial to salmonids.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-209	OWEB		Butler Canyon Rock Quarry	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	11-JUL-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$6,680.00	Deschutes

Project Description
 Project will restore the riparian corridor and upland area through an abandoned rock pit. Access road and culvert will be removed, bank shaped, and trees and shrubs planted in the riparian corridor. Two acres of adjoining upland will be planted with a grass/forb mix commonly used by ODFW for wildlife habitat. Project will mitigate flood hazards and protect a wetland as well as infrastructure downstream.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-235	OWEB		Camas Creek Watershed/Riparian Protection Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUL-01 - 30-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$10,280.00	John Day

Project Description
 The Camas Creek Project consists of fencing the area around two springs and installing spring boxes. In providing a controlled watering area for the cattle, degradation of the riparian zone and streambanks can be greatly minimized. A riparian zone shall be made by constructing 2 miles of riparian fencing along Camas Creek. To help facilitate the riparian recovery, vegetation will be planted in the recovery zone. All work will be in compliance with NRCS Codes for this type of work.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-609	OWEB		Catching Creek Structure Placement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-SEP-02 - 26-NOV-02	Salmon Habitat Protection and Restoration	\$0.00	\$11,619.85	Southern Oregon Coastal

Project Description
 This project proposes to place 50 logs and 75 boulders at seventeen sites along a 1-mile section of creek to increase instream complexity, slow water velocities and accumulate gravels for coho, steelhead and cutthroat trout.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-607	OWEB		Cavitt Creek Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-SEP-02 - 15-SEP-03	Salmon Habitat Protection and Restoration	\$0.00	\$113,850.00	Southern Oregon Coastal

Project Description
 This project proposes to undertake road-related restoration within the Cavitt Creek drainage. Needs have been identified in watershed analysis and a Water Quality Restoration Plan. Seven culverts will be replaced.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-639	OWEB		Cedar Creek Riparian Improvement #1	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-JAN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$45,067.00	Lower Columbia

Project Description
 The Sandy River Basin Watershed Council proposes habitat improvement in the Cedar Creek watershed primarily through riparian vegetation planting and fencing. The council will conduct outreach to landowners to encourage participation. OWEB funds would be used for project management, travel, tree planting, fence construction, materials and monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-730	OWEB		Chewaucan culvert project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	23-SEP-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$232,000.00	Oregon Closed Basins

Project Description
 Replacement of 5 culverts to provide fish passage from Revers End Ranch reservoir upstream to the headwaters of the Chewaucan River. This will also accommodate a 100 year flood event.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-489	OWEB		Clackamas River Watershed Riparian Protection	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	08-APR-02 - 29-JAN-04	Salmon Habitat Protection and Restoration	\$0.00	\$31,792.86	Willamette

Project Description
 The project is necessary to prevent knotweed species from permanently occupying extensive stretches of the riparian zone within the Clackamas River, resulting in a decline in overall riparian and adjacent upland habitat diversity/quality and loss of habitat for fish and wildlife. OWEB funds are requested for project management, travel, Envirocorps team, CRBC Program leader, materials, supplies, printing, postage, equipment and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-293	OWEB		Clatsop County Riparian Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	08-NOV-01 - 14-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$33,918.66	Northern Oregon Coastal

Project Description
 This project proposes to carry out a large-scale riparian planting project in five different watersheds in the North Coast region. The project would use trained staff to design and manage the project and train a large number of volunteers (primarily youth groups) to do the planting.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-449	OWEB		Clover Creek Instream	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	05-FEB-02 - 31-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$67,930.00	Southern Oregon Coastal

Project Description

A total of 78 large logs will be placed along 17 sites along a one-mile section of Clover Creek. Riparian hardwoods and conifers will be planted along the open spaces of Clover Creek. In addition a culvert that is currently a fish barrier will be replaced to allow anadromous fish passage into the upper section of the drainage. Two cattle crossings will also be constructed to help improve water quality.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-359	OWEB		Conservation Farm Improvements on 6 ranches in Grass Valley	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-JAN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$32,400.00	John Day

Project Description

This project would complete various conservation practices on six properties along Grass Valley Creek, a tributary to the John Day River. The practices include: reseeding weed treated areas, construction of sediment basins, riparian and cross fencing, off-channel livestock water development, upland gradient terracing, and construction of a grass waterway.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-612B	OWEB		Coos WS Projects 2002	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$70,082.00	Southern Oregon Coastal

Project Description

This project proposes to undertake tidegate and culvert replacement in Coalbank Slough, do riparian plantings in mid-elevation, low gradient tributary streams to the mainstem rivers and undertake sediment reduction projects on high risk roads in the Millicoma Tree Farm.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-612A	OWEB		Coos WS Projects 2002 - Coal Bank Slough	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 - 08-SEP-03	Salmon Habitat Protection and Restoration	\$0.00	\$11,029.00	Southern Oregon Coastal

Project Description
This project proposes to undertake tidegate and culvert replacement in Coalbank Slough, do riparian plantings in mid-elevation, low gradient tributary streams to the mainstem rivers and undertake sediment reduction projects on high risk roads in the Millicoma Tree Farm.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-612C	OWEB		Coos WS Projects 2002 - Roads	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$82,338.00	Southern Oregon Coastal

Project Description
This project proposes to undertake tidegate and culvert replacement in Coalbank Slough, do riparian plantings in mid-elevation, low gradient tributary streams to the mainstem rivers and undertake sediment reduction projects on high risk roads in the Millicoma Tree Farm.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-446	OWEB		Coquille Instream Enhancement 2002	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 - 01-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$87,285.00	Southern Oregon Coastal

Project Description
This project proposes to build upon past efforts by the Coquille Watershed Association to enhance spawning and rearing habitat in the system. Under this proposal logs and boulders will be placed Myrtle, Cherry and Bear Creeks. These areas support coho, chinook and steelhead. Either ODFW or BLM biologists will supervise project inspection and installation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-135	OWEB		Coquille Watershed Assoc. Riparian Restoration 2001	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-AUG-01 - 30-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$100,000.00	Southern Oregon Coastal

Project Description
This project will construct approximately 8 miles of riparian livestock exclusion fencing on various sites (seven different landowners) throughout the Coquille River watershed. Most sites will be planted with a mixture of native trees and shrubs, appropriate to the site. This project also includes maintenance work on past riparian projects completed by the Coquille Watershed Association.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-391	OWEB		Cracker Creek Mining Area Watershed Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	05-NOV-01 - 28-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$115,600.00	Middle Snake-Powder

Project Description
This project proposes to reduce the transport of metals to local streams in the Upper Powder watershed, thereby improving water quality and fish habitat. It is the intent of project to move, reshape and vegetate some of these historic rock and tailing repositories that create risk to watershed health.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-208	OWEB		Crooked River and Shotgun/Pine Creek Improvement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-JUL-01 - 22-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$14,257.00	Deschutes

Project Description
The Crooked River Stream corridor improvement project implements some of the components of a Conservation Plan. The Conservation Plan was developed to meet the following project objectives: continuation and enhancement of upward trends in riparian and stream channel condition on mainstem Crooked River; improve connections between higher quality redband trout habitats through improved instream conditions (water quality, quantity, and habitat complexity) in the mainstem Crooked River; improve riparian vegetation conditions; improve upland vegetation conditions; improve stream bank stability and protect existing irrigation diversion/pumphouse; and improve sustainability of property for livestock production as well as other values including fish and wildlife habitat and water quality.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-497	OWEB		Crooked River Off Channel Water Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$35,880.00	Deschutes

Project Description

This project would establish 21 off-channel livestock watering facilities on five differently owned properties. Each project site has been evaluated to determine the most cost effective strategy. Proposed practices include: gravity pipelines, solar pumps, windmills, wells, trough relocation from riparian areas, spring developments and riparian fencing. OWEB funds would be used to cover the cost of materials only.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-204	OWEB		Crooked River Road Mitigation 2001	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-JUL-01 - 22-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$460.00	Deschutes

Project Description

This project is to improve stream conditions and functions by reducing stream sedimentation from existing forest roads by moving roads away from streams and improve fish passage conditions by removing barriers to fish passage. This proposal uses a "block grant" concept to take advantage of opportunities to improve watershed conditions concurrent with other forest management operations. This block grant approach is modeled after a similar, successful program used in Northeastern Oregon.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-477	OWEB		Crystal Springs Headwaters Fish Passage & Restoration Yr 2	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-FEB-02 - 29-AUG-03	Salmon Habitat Protection and Restoration	\$0.00	\$37,400.00	Willamette

Project Description

This proposal is for the second year of a 5-year project and involves removal of noxious and invasive plants to protect the water quality of the springs and prevent degradation of Crystal Springs Creek. The goal of the overall project is to improve wildlife habitat, ensure the water quality of the springs, and provide effective fish passage for salmon and other resident fish species. OWEB funds are requested for project coordination, management and training, invasive and noxious weed removal and project administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-575	OWEB		Deadwood Creek CRMP Enhancement Project Final Phase	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$16,200.00	Northern Oregon Coastal

Project Description
 This request is for management funds to cover 12% of the overall cost of a large wood placement project on 10 or more private ownerships in the upper Deadwood Creek basin, a sub-basin of the Siuslaw River watershed. The 10 private ownerships are a component of a much larger project involving LWD placements on adjoining federal lands. 100% of the OWEB funds will be used for project management.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-084	OWEB		Deer Cr. Restoration Project/Little Elk/Yaquina	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-JUL-01 - 14-NOV-03	Salmon Habitat Protection and Restoration	\$0.00	\$40,852.00	Northern Oregon Coastal

Project Description
 The project addresses fish passage issues that definitively limit salmonid production (culvert replacement) and also improves riparian function by excluding livestock (fencing). In addition, instream wood complexity is enhanced (log structures) and sediment loading is reduced (bio-engineered bank stabilization).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-229	OWEB		Deer Creek Sediment Reduction and Road Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-SEP-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$29,430.00	Lower Snake

Project Description
 *Reduce sediment inputs into Deer Creek which flows into the Grand Ronde River. Thus improving water quality and steelhead spawning habitat. *Rock 2.7 miles of road (some spot rocking), with 8 rocked dips to improve drainage and reduce surface erosion. *Rock 2 ford crossings. *Replace 1 rocked ford with a culvert. *Implement recommendations proposed in the Wallowa County/NPT Salmon Recovery Plan.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-502	OWEB		Deming Creek Trail Bull Trout Habitat Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-MAR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$11,000.00	Klamath

Project Description

This project would move a stock enclosure away from the creek, creating two hardened livestock watering sites, trail sections will be relocated away from Deming Creek and one foot bridge will be constructed. The access road will be put to bed and 3,000 Ponderosa Pine seedlings will be planted in the former road bed. OWEB funds will be used for restoration and monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-214	OWEB		Deschutes Corridor Weed Free Zone	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-AUG-01 - 05-MAR-02	Salmon Habitat Protection and Restoration	\$0.00	\$32,000.00	Deschutes

Project Description

A coordinated weed control and restoration project within the Deschutes River corridor. The Deschutes SWCD with its private and public partners will establish a "Weed Free Zone" within the heavily traveled and scenic areas in the Deschutes River Corridor reaching five miles north, five miles south and through the City of Bend. The project will identify and prioritize weed sites, control the weeds, restore the area, monitor and repeat where needed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-184	OWEB		Dinsdale Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-MAR-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$94,246.00	Willamette

Project Description

This project will include reconnection of a historic meander channel, restoration of approximately 30 acres of off-channel wetlands, and replanting 12 acres of riparian buffer along the Tualatin River. The project will benefit native fish by improving connectivity between the off-channel wetland and river. Other watershed benefits will include reduction in sediment and nutrient loading from surface runoff and improved ground water recharge. Finally, a diversity of wildlife will benefit from restored habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-126	OWEB		Dumont Watershed Restoration - Phase 3	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-JUN-01 - 11-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$96,750.00	Southern Oregon Coastal

Project Description

This project will restore an outstanding aquatic habitat located in Dumont Creek by reintroducing large woody debris in a manner that imitates natural wood recruitment. Large wood placement in Dumont Creek will help restore habitat for coho, Chinook, steelhead and cutthroat. The UBWC Technical Advisory Committee has identified Dumont as the highest priority area for restoration in the South Umpqua Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-349	OWEB		Duncan Crk Channel Restoration & Stream Corridor Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-DEC-01 - 29-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$6,015.00	Deschutes

Project Description

This project proposes to reconfigure the irrigation diversion on Duncan Creek to allow fish passage and reduce downcutting and bank instability. Six cross veins will be constructed to stabilize the diversion point.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-584	OWEB		Early Detection/ Control of Spartina Patens in Siuslaw Estua	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$19,568.00	Northern Oregon Coastal

Project Description

The goal of this project is to contain and control the noxious weed Spartina patens at its only known occurrence in Oregon; 188 acre Cox Island, low in the Siuslaw River estuary. Control will be accomplished by covering patches of Spartina with heavy-duty landscape fabric for a two-year period. Another new control technology will also be tried and compared to the fabric covering methodology. The majority of OWEB funds will be used for implementation and supervisory personnel with a small percentage budgeted for supplies, production and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-348	OWEB		East Chewaucan Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-FEB-02 - 23-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$47,050.00	Upper Sacramento

Project Description
 This project will enhance and restore native riparian and upland vegetation through juniper cutting.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-307B	OWEB		Engineering for 201-307 Pacifica's Irrigation Diversion	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-OCT-01 - 31-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$11,000.00	Southern Oregon Coastal

Project Description
 This project is the engineering/design part of grant 201-307.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-309A	OWEB		Engineering Kerby Ditch Gravel Push-Up Dam Removal Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-NOV-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$31,350.00	Southern Oregon Coastal

Project Description
 Same as 201-309. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-574	OWEB		Esmond Cr Basin Instream Habitat Improvement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	23-AUG-02 - 08-JAN-04	Salmon Habitat Protection and Restoration	\$0.00	\$46,777.00	Northern Oregon Coastal

Project Description
 This restoration project will place large wood structures and boulder fields in five stream reaches in the Esmond Creek basin, a sub-basin of the upper Siuslaw River. The log and boulder structures would help capture migratory gravels and address the lack of over-wintering habitat in the basin. OWEB funds would be spent on equipment and operator costs for placement of the structures.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-287	OWEB		Estuarine Habitat Restoration/Reconnection of Clatskanie R	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JAN-02 - 14-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$11,622.09	Lower Columbia

Project Description
This project would breach a 110-foot long dike on the Clatskanie River that currently joins Anunde Island with the mainland, thus restoring the free flow of water through the historic side channel, and stabilize and re-vegetate the newly exposed surfaces.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-347	OWEB		Farmers Canal Fish Screen/Bypass Sediment Ctrl and Diversion	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 - 18-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$130,000.00	Middle Columbia

Project Description
The applicant proposes to construct improvements to replace a 40 year old rotary drum fish screen with a high velocity horizontal passive infiltration screen, enhance an old channel to serve as a fish return bypass, modify the diversion to reduce sediment transport into the canal and replace wooden flume at the upper end of the canal.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-129	OWEB		Fate Creek Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-JUN-01 - 07-JAN-02	Salmon Habitat Protection and Restoration	\$0.00	\$6,780.00	Southern Oregon Coastal

Project Description
This project will: 1) modify an irrigation dam structure to permit fish passage outside the irrigation season; 2) construct a livestock crossing (truck bed) to reduce stream erosion; and 3) install gravity stock water system. These three activities supplement numerous other projects implemented by the landowner. Implementation of #1 will open 2.5 miles of available habitat to coastal coho, winter steelhead and cutthroat trout.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-089	OWEB		Feagles Cr.	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-JUL-01 - 26-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$37,552.00	Northern Oregon Coastal

Project Description

The project proposes to construct eight large wood debris jams on .8 miles of Feagles Creek to retain gravel and improve stream habitats for native salmonids. The applicant would also remove a 9' x 15' culvert and place a rail car bridge to provide unimpeded passage for adult and juvenile salmonids. The current culvert currently has a 6' drop. Approximately 3 miles of improved adult passage and 3 miles of new juvenile passage will be gained as a result of this project.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-102	OWEB		Feagles Cr. Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-JUL-01 - 14-NOV-03	Salmon Habitat Protection and Restoration	\$0.00	\$42,145.00	Northern Oregon Coastal

Project Description

The project establishes cattle exclusion fencing on both sides of approximately 2.2 miles of stream frontage on Grant and Feagles Creek and the mainstem Big Elk. In addition, some limited riparian plantings will be located and caged near pool habitats with the highest potential for providing overhead aquatic cover and pool complexity for juvenile salmonids. Two off-channel watering facilities will be constructed to remove cattle from the active channels of each of these streams.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-505	OWEB		Fifteenmile Best Management Practices 2002-2004	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-FEB-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$136,974.00	Middle Columbia

Project Description

This project would continue to reduce the cost of converting acreage to direct seeding, thus leaving more crop residue on the site through the planting and growing periods. Landowners would receive \$22/acre for one year and will sign an agreement to use no-till farming methods for at least three years. OWEB funds will be matched with DEQ 319 funds to provide 75% cost share for installation of no-till farming practices. OWEB will also pay for technical assistance and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-690	OWEB		Fizz Springs Baker County Parks	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-JUN-02 - 31-DEC-02	Salmon Habitat Protection and Restoration	\$0.00	\$12,953.00	Middle Snake-Powder

Project Description

The project proposes to develop Fizz Spring, pipe the water into a tank, fence the surrounding area, pipe it to a second tank for livestock access, install large wood, plant trees and protect them with additional fencing. The access road will be improved by shaping and graveling. OWEB funds are requested for spring development/fencing/tanks (55%), road improvements (17%), large woody debris placement (2%), consultant/mileage (8%), and signs, administration and monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-250	OWEB		Flag Prairie Riparian Pasture Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	23-AUG-01 - 16-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$44,801.00	Middle Snake-Boise

Project Description

Fences will be constructed to divide these allotments into more manageable pastures, providing added protection for the riparian areas and control of livestock on public roads. These improvements will reduce impact on riparian areas during dry season grazing, and to improve bank stabilization and water quality. The additional water sources will provide a reliable water source for upland birds, wildlife, and livestock.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-706	OWEB		Fox Creek Riparian Fencing & Planting Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	22-JUL-02 - 08-DEC-03	Salmon Habitat Protection and Restoration	\$0.00	\$12,209.00	Middle Snake-Powder

Project Description

Through a partnership of various entities, the applicant proposes to install 7 miles of fencing and riparian vegetation to enhance water quality along Fox Creek, a tributary to the Snake River. A total of 758 acres will be excluded from livestock grazing. All the OWEB-requested funds will be used for fencing.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-350	OWEB		Fryrear Pipeline Conservation Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-DEC-01 - 12-DEC-02	Salmon Habitat Protection and Restoration	\$0.00	\$120,983.00	Deschutes

Project Description
 This project proposes to pipe approximately 17,500 feet of Fryrear Ditch and transfer 1.5 cfs to an instream water right.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-541	OWEB		Gable Creek Ranch Riparian Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-MAR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$68,800.00	John Day

Project Description
 This project will replace 12,000' of earthen ditches with PVC pipe, install 2 fish screens, headgates and measuring devices. The current diversions, which are fish-passage barriers, will be replaced. The landowner will enroll 3.5 stream miles into the Conservation Reserve Enhancement Program (CREP). Project objectives include reduce water quantity and quality; remove fish-passage barriers; improve bank stabilization and improve riparian condition and function. OWEB funds are requested for the equipment rental, seed, pipe, pressure-reducing valves; flowmeter, administration and monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-707	OWEB		GI Ranch Bridge Creek Diversion Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$4,950.00	John Day

Project Description
 A gravel push-up dam will be replaced with a permanent fish-friendly precast concrete structure. Other project components include installing a headgate, a flow-measuring device and a fish screen. OWEB funds are sought for equipment rental/freight (22%), materials (63%), engineering (4%) and administration/monitoring (10%).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-444	OWEB		GPID Pump Installation and Removal of Savage Rapids Dam	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Habitat Protection and Restoration	\$0.00	\$1,750,000.00	Southern Oregon Coastal

Project Description

This project proposes a three phase project to design and construct a new pumping station for the Grants Pass Irrigation District, remove Savage Rapids Dam and implement fish and riparian restoration as well as develop recreational facility projects to enhance the benefits of dam removal. The Dam has been identified as a major barrier to anadromous fish species in the Rogue Basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-444A	OWEB		GPID Pump Installation and Removal of Savage Rapids Dam	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Habitat Protection and Restoration	\$0.00	\$250,000.00	Southern Oregon Coastal

Project Description

This project proposes a three phase project to design and construct a new pumping station for the Grants Pass Irrigation District, remove Savage Rapids Dam and implement fish and riparian restoration as well as develop recreational facility projects to enhance the benefits of dam removal. The Dam has been identified as a major barrier to anadromous fish species

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-377	OWEB		Grande Ronde Tributary Exclusion and Pond Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$4,925.00	Lower Snake

Project Description

This project proposes to exclude livestock from two small streams through off-channel livestock water development and fencing. Currently, livestock have unlimited access to the water all-winter long. This offers a great potential for bacteria, sediment and nutrients to enter the Grande Ronde River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-186	OWEB		Hammer Creek Basin Culvert Replacement & Stream Rest.	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-JUL-01 - 06-DEC-01	Salmon Habitat Protection and Restoration	\$0.00	\$68,036.39	Willamette

Project Description
 Improvements will be made to the culvert crossings on Nichols Road at milepost 7.12 and Horton Road at milepost .01 by replacing the existing undersized culverts with oversized arch culverts and restoring the streambed in the area of the culvert. The project area will be replanted with native or other suitable vegetation to enhance the restoration of this area. This will provide fish passage upstream to 2440 acres of excellent habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-500	OWEB		Higgins Creek Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	28-FEB-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$36,161.00	Deschutes

Project Description
 This project would remove a culvert and replace it with a bridge to open up two miles of redband trout habitat. It would also improve two stream crossings, replace four move culverts with larger culverts at grade or with hardened crossings, repair a headcut and relocate portions of the road. Approximately four miles of riparian fencing will be installed and all of the areas will be revegetated with native plant materials. OWEB funds will be used to purchase, transport and install a 36 foot bridge.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-640	OWEB		Historic Coyote Creek Bottomland Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	23-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$12,158.00	Willamette

Project Description
 The Long Tom Watershed Council proposes restoration of riparian bottomland hardwood forest along an historic branch of Coyote Creek. The project also includes blackberry eradication, planting of native prairie seed, and monitoring of amphibians, birds/wildlife, and planting success. OWEB funds would be used for mowing, herbicide application, trees, shrubs, planting supplies and monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-281	OWEB		Hockema Stream Restoration Beaver Creek	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 - 12-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$17,684.30	Northern Oregon Coastal

Project Description
 This project will improve juvenile and adult fish passage on Beaver Creek, a small tributary low in the Yaquina River system, by replacing two culverts that are currently barring fish passage.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-079	OWEB		Hodges Riparian Restoration Project/ Big Elk	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-JUL-01 - 05-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$14,840.00	Northern Oregon Coastal

Project Description
 This project impacts approximately .5 miles of riparian corridor on both sides of the mainstem Big Elk. The project consists primarily of fencing setbacks to exclude livestock and planting to restore vegetative stability and rootmat complexity to a zone of extensive erosion and bank failure. This project directly addresses the DEQ's limiting factors for the mainstem Big Elk (temperature, sedimentation.)

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-536	OWEB		Holliday Indian Creek Diversion Replacements	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-FEB-02 - 07-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$43,812.31	John Day

Project Description
 Three gravel push-up dams will be replaced with fish friendly alternatives on Indian Creek, Split/Potter, McKenna and Westside Ditches to eliminate fish-passage barriers along the entire stretch of the West Fork. Project objectives include improved water quality, providing fish passage during low-flow periods, improving irrigation water management and improving streambanks vegetative conditions. OWEB funds are requested for the materials, equipment rental and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-385	OWEB		Huesby Winter Water Reservoir Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	16-OCT-01 - 11-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$15,000.00	Middle Columbia

Project Description
The project proposes to construct an off-stream lowland irrigation storage reservoir that would result in instream flows during the irrigation period of May through August of approximately 2+ cfs of 1903 right at the point-of-diversion.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-251	OWEB		Huffman Ditch Piping - Walla Walla River Water Conservation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-JUL-01 - 28-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$72,664.00	Middle Columbia

Project Description
This project seeks cost share funding for piping 1 mile of an irrigation ditch that serves over 10 users and 537 acres but loses up to 3.5 cfs through leakage and evaporation. All activities will require saved water going back in stream through the Oregon Conserved Water Program. A gain of 2 cfs is anticipated and will help restore summer flows for two and one half miles of habitat used by ESA listed steelhead and bull trout.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-282	OWEB		Humphrey Crk Instream Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 - 10-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$5,995.00	Northern Oregon Coastal

Project Description
This project proposes to inject large wood complexes into key reaches of the Humphrey Creek. The morphology of the stream, a tributary of the Yaquina River, is currently simplified and lacks structure complexity.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-141	OWEB		Illinois Valley Riparian Tree Planting Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-SEP-01 - 12-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$51,552.00	Southern Oregon Coastal

Project Description
 The project, now in its 9th year, plants native species along riparian areas and associated uplands on private properties in the Illinois Valley. New aspects of the program are: 1) planting to prevent the spread of noxious weed seeds; 2) development of all party monitoring; and 3) a booklet for landowners on care and use of species used in project. Education, outreach, partnering, volunteerism and community building are embedded in the project. The grant is for the 2002-2003 biennium.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-174	OWEB		Indian Creek Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	03-AUG-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$65,650.00	Willamette

Project Description
 Indian Creek Enhancement Project

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-312	OWEB		Jack Creek Culvert Replacement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	16-OCT-01 - 29-NOV-03	Salmon Habitat Protection and Restoration	\$0.00	\$7,665.00	Southern Oregon Coastal

Project Description
 This project proposes to remove two undersized, rusted-out culverts and replace them with railroad car bridges. The project would allow unrestricted anadromous fish access to over 3 miles of stream.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-530	OWEB		Jack Creek Riparian Relief Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-FEB-02 - 26-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$3,235.00	Middle Snake-Boise

Project Description
The project will install 2,500' of pipe and install 4 troughs to establish off-site water development. Objectives include improved riparian conditions; reduced streambank erosion; increased irrigation efficiency and an improved rotational livestock grazing. Additionally, the project will benefit wildlife populations of mule deer, antelope, sage grouse, sandhill cranes, quail and other upland birds, especially during drought years. OWEB funds are requested for pipe, troughs and grass seed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-395	OWEB		Jack Smith Juniper Control Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-OCT-01 - 22-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$24,274.00	Oregon Closed Basins

Project Description
The project proposes to cut juniper on 450 acres to reduce soil moisture competition where the juniper have invaded into a grass/shrub/pine range.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-693	OWEB		Jackie Butte Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 - 29-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$293,828.00	Middle Snake-Boise

Project Description
Project proposes to install 24 miles of HDPE pipe which will be gravity-fed from 2 proposed 30,000 gallon vertical water storage tanks on 220,000 acres to 14-3,250-gallon tanks. The project will improve wildlife habitat and provide water for various wildlife species. OWEB funds are requested for pipe & installation (72%), storage tanks, troughs, transportation (20%), pumps, generator, fuser (7%).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-448	OWEB		Jackson Creek Riparian Planting Demonstration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Habitat Protection and Restoration	\$0.00	\$12,210.00	Southern Oregon Coastal

Project Description
This project will implement actions identified in the 2001 Jackson Creek Watershed Assessment and Action Plan. The primary objective of the project is to restore the riparian condition of Jackson Creek at the J. Herbert Stone Nursery to a more properly functioning condition. A secondary objective is to demonstrate viable riparian planting practices to private landowners within the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-475A	OWEB		Johnson Cr Confluence Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	03-SEP-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$655,000.00	Willamette

Project Description
The City of Portland seeks funding to restore one of 5 sub-areas of a 51-acre site along the confluence of Johnson Creek and Kelley Creek to improve salmonid habitat. Restoration includes restoring wetlands and off-channel habitat for salmonids, planting native vegetation and providing opportunities for education and stewardship. OWEB funds would be used for project management, inspection, erosion/sediment control, channel/floodplain work, revegetation, design, permitting, and start-up/close-out costs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-181	OWEB		Johnson Lake Revegetation Projects	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-JUL-01 - 26-AUG-02	Salmon Habitat Protection and Restoration	\$0.00	\$60,927.00	Willamette

Project Description
By planting native species and managing invasive species, WRP will restore wetland forest on the 13.2 acre Johnson Lake site, including .4 mile of lake shore and .7 mile of slough channel bank. The 8.5 acre Hayden Meadows project will replace Himalayan blackberry with native riparian vegetation, including .45 mile of slough channel bank, and addresses erosion and sediment control along the slough channel.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-539	OWEB		Jordan Creek Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	11-FEB-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$26,082.00	Deschutes

Project Description
 This project would repair a 1996 flood damaged railcar bridge, construct a new railcar bridge on Lower Jordan Creek, construct 1.75 miles of riparian fence, replant woody species along the creek and construct water bars on roads that contribute sediment to Jordan Creek within the Wildlife Management Area. OWEB funds will provide 35% of the cost of installation, including contracting on the bridge work. OWEB funds will also provide part of the cost of technical support and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-424	OWEB		Karnowsky Creek WS Restoration Project Phase 1	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-FEB-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$195,297.00	Northern Oregon Coastal

Project Description
 This proposal would implement a comprehensive multi-activity restoration project on the entire 1800-acre Karnowsky Creek sub-basin in the Siuslaw River watershed. The restoration activities planned include channel realignment, the removal of roads and levees, the installation of large wood in-stream structures, the control/elimination of noxious weeds and exotic plant species and the planting of native species along the riparian area of the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-309	OWEB		Kerby Ditch Gravel Push-Up Dam Removal Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-NOV-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$228,160.00	Southern Oregon Coastal

Project Description
 This project proposes to remove a fish passage barrier created by a gravel push-up dam used to divert water into the Kerby Ditch. The project will also reduce sediment input to the stream, eliminate a leaky irrigation ditch, leave water instream for an additional four miles, and result in approximately 30% water conservation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-356	OWEB		Klamath Wildlife Area/Miller Island Wetlands Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$170,877.00	Klamath

Project Description
 This project will replace an existing gravity feed intake at the northern end of Unit C of the Miller Island Unit with a 30 horsepower pump. The new delivery pump will allow water to be drawn from the Klamath River, regardless of fluctuations in river level.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-711	OWEB		Kopp Ranches Butter Cr Range & Riparian Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-JUL-02 - 21-JAN-04	Salmon Habitat Protection and Restoration	\$0.00	\$14,297.00	Middle Columbia

Project Description
 The project will install 2,600' of riparian fencing along Web Slough, 2,500' of pipeline and 3 spring developments. There are now over 100,000 acres participating in the Butter Creek Range and Riparian Enhancement Project. OWEB funds are requested for spring developments (61%), fencing (21%), technical assistance (8%) and administration and monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-515	OWEB		Ladd Creek/Tule Lake Restoration Project Phase II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-SEP-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$160,000.00	Lower Snake

Project Description
 The project will restore approximately 500 acres of wetlands and 140 acres of grasslands and forested habitat on the Ladd Marsh Wildlife Area, providing habitat for wetland wildlife and indirectly enhancing stream habitat conditions in Ladd and Catherine Creeks. In addition, 17 acres of trees will be planted and 100 acres of grassland planted. A water delivery system will be constructed that will allow tertiary treated wastewater from the City of La Grande to be used to manage wetland habitats at the site. OWEB funds are requested for excavation, equipment rental, water-control structures, tree planting, grass seeding and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-666	OWEB		Lakeside Farms	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	08-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$42,000.00	Klamath

Project Description
 This project would take one quarter (91 acres) of a farm and create a natural treatment wetland for storm water from urban development and agricultural water. The wetlands will remove suspended solids, phosphorus, nitrogen, pesticides and urban pollutants before the water is pumped into Klamath Lake.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-613	OWEB		Land Acquisitions in the West Eugene Wetlands	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	- 31-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$500,000.00	Willamette

Project Description
 The West Eugene Wetlands Partnership proposes to acquire 216 acres of wetland and associated upland habitat in the West Eugene Wetlands to benefit water quality, provide natural flood control, restore priority declining habitats and benefit 5 federally-listed T&E species and 34 candidate or sensitive species. OWEB funds would be used solely for acquisition.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-387	OWEB		Lathrop Riparian Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-NOV-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$7,537.00	Lower Snake

Project Description
 This project will improve riparian vegetation, reduce sediment and streambank erosion along the Wallowa River. This will be accomplished by installing a bridge to replace a ford used by vehicles and livestock.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-692	OWEB		Little Antone Creek Wilson Family Ranches	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-JUL-02 - 23-DEC-02	Salmon Habitat Protection and Restoration	\$0.00	\$6,104.00	Middle Snake-Powder

Project Description
 This 3-phase project will restore fish passage on Little Antone Creek by replacing an existing round culvert which does not meet fish passage or flow standards with a squashed-bottom culvert, install drainage structures on a road which parallels the stream and install a culvert where spring water crosses the road. OWEB funds are requested for pipe and installation (32%), road shaping (34%), technical assistance (23%) and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-443	OWEB		Little Applegate Fire Rehabilitation Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	08-APR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$33,790.00	Southern Oregon Coastal

Project Description
 This project proposes to address impacts from the Quartz Fire by undertaking tree planting, native grass seeding, constructing water bars, contour falling and placing erosion control fabrics. Road rehabilitation and road decommissioning will be used to help to reduce documented sediment sources in the Little Applegate Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-580	OWEB		Lobster Riparian Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 - 03-NOV-03	Salmon Habitat Protection and Restoration	\$0.00	\$10,298.00	Northern Oregon Coastal

Project Description
 This is a combination riparian planting and large wood placement project on a reach of Lobster Creek, a major coho-producing tributary of the Five Rivers sub-basin of the Alsea River watershed. The control of invasive species (blackberries) and planting of a variety of native riparian plants will provide long-term shade and LWD recruitment while edge-oriented LWD structures will provide increased wood complexity for juveniles electing to rear in the reach. Roughly 50% of the funds requested from OWEB will be used on planting related activities and materials. The remainder is budgeted for project management, log placement, maintenance and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-392	OWEB		Lone Pine Ranch Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	19-OCT-01 - 09-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$10,142.00	Oregon Closed Basins

Project Description
 The project proposes to close a 50' water gap along the Silvies River, and supply an alternative source of water for livestock.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-658	OWEB		Lower Evans Creek Bridge & Culvert Replacement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-JUL-02 - 17-NOV-03	Salmon Habitat Protection and Restoration	\$0.00	\$15,750.00	Middle Columbia

Project Description
 Evans Creek is utilized by winter steelhead, resident trout and coho salmon. This project would replace a culvert with a bridge to remove the passage barrier at rivermile 1.3 and open up eight miles of historical habitat. OWEB funds would pay for site analysis and design engineering with secured BPA funding for the actual removal and construction.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-352	OWEB		Lower John Day Solar Off Stream Stock Water Demonstrational	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-DEC-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$39,913.00	John Day

Project Description
 This project proposes to implement four solar off-channel livestock water developments to provide alternative watering sources for cattle, thereby lessening the impact on riparian areas. These portable solar pumping systems will extract water from nearby streams, a well and a spring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-086	OWEB		Lower Wolf Crk Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-JUL-01 - 05-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$10,382.00	Northern Oregon Coastal

Project Description
 This project supplements extensive restoration activity planned in upper Wolf Cr. By improving the riparian condition of the lowest agricultural property in the subbasin. Both banks will be planted with mixed conifers and livestock excluded from this 100 ft. wide setback from the active channel. Aquatic habitats will be enhanced by developing winter habitat types with full spanning wood structures.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-358	OWEB		Mack's Canyon Watershed Restoration Phase 2	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	07-JAN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$12,715.00	Deschutes

Project Description
 This project proposes to implement conservation practices, such as cropland terraces, sediment basins, off-stream watering developments and cross-fencing.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-490	OWEB		Mad Cr Stream Crossing Improvement (October 2001)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-APR-02 - 09-SEP-03	Salmon Habitat Protection and Restoration	\$0.00	\$56,700.00	Willamette

Project Description
 This project will provide fish passage for winter steelhead to access 1 mile of spawning and rearing habitat and to protect 3 miles of downstream habitat. An earlier OWEB grant included \$92,000 for bridge construction. However, bids received for the work exceed that amount. OWEB funds are requested for culvert removal, bridge construction, materials and supplies and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-257	OWEB		Malheur River Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-JUL-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$16,029.00	Middle Snake-Boise

Project Description

Aerial photos taken in July of 1978 and in July of 1994 show how the Malheur River has eroded the landowner's field. Combining streambank stabilization with livestock exclusion will improve water quality. Providing offstream watering facilities for cattle, along with an improved grazing management plan, will decrease streamside impacts, improve water quality, streambank stability and enhance wildlife habitat along this stretch of the Malheur River.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-526	OWEB		Marley Creek Fencing & Spring Development	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-02 - 02-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$25,063.00	Lower Snake

Project Description

The project will restore and enhance a 3,500' section of the riparian area on Marley Creek, a perennial spring-fed tributary of Meadow Creek. Components include 7,100' of riparian fencing, 4,000' of cross fencing to create 3 separate pastures and 8 spring developments and the development of a grazing plan. Watershed benefits include increased streambank stability, reduced sediment and nutrient loading, increased riparian plant species diversity, improved riparian shading opportunities and provide watering opportunities for livestock and wildlife. OWEB funds are requested for the troughs, spring developments, fencing, stream crossing, plant materials and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-228	OWEB		Marr Creek Sediment Reduction Spring dev./Protectio	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-SEP-01 - 19-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$24,120.00	Lower Snake

Project Description

*Reduce sediment inputs into Marr Creek (an ESA-listed Steelhead stream) which flows into the Imnaha River. Thus improving water quality and steelhead spawning habitat. Construct .5 miles of road in order to abandon .5 miles of draw bottom road. *1.25 miles of rocking and dip installation to improve drainage and reduce surface erosion; Protect and develop a spring as an off-site water source. *Replace culvert with ford; Implement recommendations proposed in the Wallowa County/NPT Salmon Recovery Plan.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-498	OWEB		McFarland Ranch & Refuge Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$176,500.00	Upper Sacramento

Project Description

This project would renovate a water diversion structure to pass fish and screen them from being diverted, plant willows along Drews Creek, and renovate 200 acres of wetland below a new 900 acre wetland conservation area established under the NRCS Wetland Reserve Program. The project will restore and protect approximately 25% of the most important habitat in the Goose Lake system for native fish. OWEB funds will be used for renovation of the diversion structure, wetland restoration, additional fence materials for the Drews Creek, willow planting, design and permits.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-346	OWEB		McKay Cr Instream Habitat Improvement/ Channel Stabilization	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-DEC-01 - 02-SEP-03	Salmon Habitat Protection and Restoration	\$0.00	\$4,555.90	Deschutes

Project Description

ODFW will design stream stabilization improvements with rock and log deflectors, juniper riprap, fencing and plantings to restore .3 miles of redband trout habitat on McKay Creek in the Crooked River basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-670	OWEB		McKay Cr Stream Restoration & Natural Channel Establishment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	29-AUG-02 - 29-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$19,875.00	Deschutes

Project Description

This project re-establishes historic channel conditions, i.e., width/depth ratios and meander pattern, creates instream habitat structures and constructs riparian fencing and revegetates a portion of McKay Creek, a tributary of in the the Crooked River basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-671	OWEB		McKay Creek Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	29-AUG-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$44,450.00	Deschutes

Project Description
 This project would provide juniper bioengineering and rock barb deflectors to help protect eroding banks and will replace an existing bridge with a open-bottom steel arch culvert that will allow flood flows to pass through. The instream structure will create pool habitat in McKay Creek, a tributary in the Crooked River basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-470	OWEB		McKenzie Willamette River Confluence Habitat Enhanc & Evalua	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-MAR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$98,739.00	Willamette

Project Description
 This project addresses the river channel and riparian and upland habitats within about ½-mile of the river, and area of about 11,123 acres. The proposal includes: 1) development of potential habitat enhancement and flood protection alternatives for the project area; 2) implementing restoration projects at three sites. OWEB funds are requested for project coordination, permitting, management, public outreach, consulting services, monitoring and evaluation, GIS tasks, pond turtle predator enclosures, alcove excavation, brush clearing, and placement of logs, culverts, and rocks.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-687	OWEB		Meyer Lewis Irrigation Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$72,371.00	Lower Snake

Project Description
 The project proposes to combine 3 irrigation diversions into 1; eliminate 2 fish passage barriers; convert open ditches into buried pipeline; and install a rock weir, measuring device and an ODFW-approved fish screen. The project is located on Mill Creek, a steelhead spawning tributary. OWEB funds are sought for the pipeline (89%), administration and monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-130	OWEB		Middle Cow Creek Sub-basin Fish Passage Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-JUN-01 - 28-NOV-01	Salmon Habitat Protection and Restoration	\$0.00	\$10,410.00	Southern Oregon Coastal

Project Description
 A total of three culverts will be replaced within the Middle Cow Creek sub-basin. This will open up about 2-2/3 miles of fish habitat that is currently not accessible.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-353	OWEB		Mid-Trout Creek Push-Up Dam Removal Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-OCT-01 - 01-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$51,500.00	Deschutes

Project Description
 This project will improve water quality, riparian health and fish passage by replacing seven gravel push-up dams in the middle reach of Trout Creek with five infiltration galleries.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-522	OWEB		Milk Creek Riparian Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	23-APR-02 - 02-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$32,146.00	Lower Snake

Project Description
 This project is located in the headwaters of Milk Creek, a tributary to Catherine Creek. Project implementation will improve vegetation, streambank stabilization, improve fish habitat, improve watershed health and function. Components include riparian exclusion fence on 1.3 miles, fence 2 springs, rebuild/create 2 off-channel watershed sites for livestock and install bottomless fish-passable culvert which will open 7 miles of Milk Creek for anadromous fisheries. OWEB funds are requested for culvert and installation, fencing, equipment rental, troughs, pipe and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-672	OWEB		Mill Cr Stream Enhancement (Bauersfeld)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-OCT-02 - 29-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$8,961.50	Deschutes

Project Description
 This project would place large wood (logs and rootwads) and boulders to add scour pools along the edge of the channel to improve habitat complexity for resident redbank trout. Old dikes will be leveled to allow the stream to reconnect to its floodplain during high flows.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-206	OWEB		Mill Creek In-Stream and Riparian Corridor Enhancement Proj.	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-JUL-01 - 29-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$21,928.50	Deschutes

Project Description
 The Mill Creek In-Stream and Riparian Corridor Enhancement Project will improve conditions for fish, wildlife, and the landowner by: installing instream habitat improvement structures, improving native upland and riparian vegetation, protecting the riparian area from livestock, developing off channel watering, and enhancing upland forage. In addition, the project helps move the entire length of Mill Creek towards an improved condition in terms of channel sinuosity and stability, water quality, fish habitat and riparian vegetation by connecting four previous habitat improvement sites with a compatible restoration project.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-540	OWEB		Mountain Creek Watershed Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	11-APR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$3,136.00	John Day

Project Description
 This project will fund native tree and shrub plantings on a section of Mountain Creek in Wheeler County. 2,000' of this 2-mile enclosure was planted under a previous grant and the remaining ½ mile section will be planted under this new proposal. Project outcomes include accelerated riparian recovery, increased shade, decreased erosion, improved habitat and increased structure. OWEB funds are requested for plant materials, labor, tube to protect seedlings, administration and monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-253	OWEB		Muleshoe Creek Juniper Control/Range Seeding	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-JUL-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$11,193.00	John Day

Project Description
 This project will remove invasive juniper on a property along Muleshoe Creek in Wheeler County. The junipers will be cut and limbed with a chainsaw by a contractor. The controlled area will be reseeded to native perennial bunchgrass by the landowner who will also scatter limbs from the fallen juniper.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-531	OWEB		Mullin Indian Creek Diversion Replacements	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-FEB-02 - 05-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$27,270.49	John Day

Project Description
 Two gravel push-up diversion structures on Indian Creek, a tributary of the upper John Day mainstem, will be replaced with fish friendly alternatives. In addition, 2 headgates and measuring devices will be installed with the monitoring provided by OWRD for 5 years. Project objectives include fish passage for ESA-listed species, improved water quality, improved irrigation water management and streambank stabilization and revegetation. OWEB funds are requested for materials, equipment rental, measuring devices, headgates and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-098	OWEB		Nehalem Watershed - Big Creek Salmonid Habitat Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-JUL-01 - 13-FEB-02	Salmon Habitat Protection and Restoration	\$0.00	\$641.96	Northern Oregon Coastal

Project Description
 This project will place combinations of 4-5 whole trees in Big Creek, a major tributary to Humbug Creek, which in turn is a major tributary of the Upper Nehalem River. The goal is to increase the diversity and complexity of summer and winter stream habitat. Trees will be wedged between riparian trees or placed so that a portion of the trunk extends onto the flood plain for added stabilization. Root wads will be left attached to some of the trees while branches, which will help stabilize the trees once they are placed in the stream as well as aid in the collection and retention of smaller debris, will be left on all of the trees. Wood will be placed in groups of at least four key pieces with additional smaller logs, and other wood added to create diverse and complex assemblages. Sites have been selected based on stream gradient and width as well as channel and valley morphology, riparian trees, and proximity to known spawning populations of salmonids.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-288	OWEB		NNWC Streamside Planting Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-OCT-01 - 30-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$20,849.62	Northern Oregon Coastal

Project Description
This project will prepare and plant approximately 2.5 miles of riparian area along Three Rivers and the Nestucca River near the town of Hebo. Planting sites will be prepared and over 7,000 trees and shrubs will be planted.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-686	OWEB		No/Middle Forks John Day WS Noxious Weed Control	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$45,682.00	John Day

Project Description
An aggressive noxious weed control program will continue within the North & Middle Fork of the John Day basin. Efforts began in 2001 on private lands and this will allow landowners to better control noxious weeds using both chemical and biological control measures on approximately 2,600 acres. Weeds of concern include leafy spurge, yellow starthistle, Dalmatian toadflax, knapweeds, loosestrife and others. OWEB funds are requested for chemical application (88%), biological control (3%) and administration (9%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-599	OWEB		North Fork Coquille River Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 - 01-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$44,030.00	Southern Oregon Coastal

Project Description
This project proposes to place five boulder weirs within a bedrock dominated reach of the North Fork Coquille River. Large woody debris will also be placed in Blue Creek, a tributary to the North Fork. A small "fish Ladder" project will also enhance passage through a box culvert on the creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-330	OWEB		North Fork Eagle Creek	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-SEP-02 - 28-AUG-03	Salmon Habitat Protection and Restoration	\$0.00	\$27,500.00	Willamette

Project Description
 The applicants propose placing 100 trees, some with rootwads attached, into the stream by helicopter (because of the lack of access to the site). Placement of LWD in these sections would potentially slow down stream velocities and allow for deposition of gravels which in turn create areas for spawning salmonids.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-132	OWEB		Norton Creek Fish Passage Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-JUN-01 - 05-FEB-02	Salmon Habitat Protection and Restoration	\$0.00	\$20,475.00	Southern Oregon Coastal

Project Description
 A total of three culverts will be replaced within the Norton Creek drainage. This will improve access to 2.2 miles of habitat for cutthroat trout, coho salmon and winter steelhead.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-906	OWEB		ODA Small Grant Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-SEP-01 - 30-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$220,000.00	Willamette

Project Description
 Oregon Dept of Agriculture

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-210	OWEB		Odell Creek Horsekeeping Demonstration Farm	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-JUL-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$44,385.00	Middle Columbia

Project Description
 Improvements will be made to a small horse boarding facility and riding area to eliminate livestock waste runoff in Odell Creek. Gutters, downspouts, a covered manure storage area, drainage, and new footings will be installed. High nutrient and bacteria levels are reported in Odell Creek and lower Hood River. The project is intended as a "demonstration farm" where horse owners can learn about manure management and best management practices to protect streams, benefit animal health and improve owner convenience.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-552	OWEB		ODFW 2001-03 Fish Screening	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$4,000,000.00	Willamette

Project Description
 Provide fish screens to priority locations around the state.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-549	OWEB		ODFW Habitat Biologist-Western Oregon	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-DEC-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$1,049,576.00	Willamette

Project Description
 Habitat Fish Biologists Salaries for Western Oregon

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-604	OWEB		Oldham Creek - Gill	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-SEP-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$13,703.00	Southern Oregon Coastal

Project Description
This project proposes to improve habitat conditions by installing riparian fence along 2,800' of Oldham Creek, installation of a hardened livestock crossing, developing off-channel stock watering systems at five sites and planting native trees and shrubs in the fenced off riparian areas.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-901	OWEB		OWEB CREP Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	16-JAN-02 - 26-DEC-03	Salmon Habitat Protection and Restoration	\$0.00	\$800,000.00	Willamette

Project Description
OWEB CREP Program

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-900	OWEB		OWEB Small Grant Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	16-JAN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$1,400,000.00	Willamette

Project Description
OWEB Small Grant Program

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-900A	OWEB		OWEB Small Grant Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	16-JAN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$1,400,000.00	Klamath

Project Description
OWEB Small Grant Program

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-513	OWEB		Owsley Canyon Creek Restoration Phase I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	22-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$57,560.00	Lower Snake

Project Description

This project will extend the habitat range for steelhead by stabilizing a sediment source and reconnecting the stream to its historic floodplain. The stream will be returned to its historic channel and reconnected to old meanders. The project addresses the following limiting factors: elevated stream temperatures, heavy sediment loads, low late-season flows, lack of buffering vegetation and degraded fish habitat. OWEB funds are requested for equipment rental, culvert installation, modifications to the existing channel, administration and monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-423	OWEB		Oxbow Creek	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-MAY-02 - 31-DEC-03	Salmon Habitat Protection and Restoration	\$0.00	\$10,450.00	Northern Oregon Coastal

Project Description

This project proposes to add large wood to 15 sites on Oxbow Creek, a tributary of the Siuslaw River. Project sites were selected based on the locations where woody debris would naturally accumulate. OWEB funds would be used for contracted services (excavator, log skidder, and self-loading log truck time and equipment operators) and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-307	OWEB		Pacifica's Irrigation Diversion Modification/ Fish Passage	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-OCT-01 - 18-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$27,900.00	Willamette

Project Description

This project will remove an antiquated irrigation diversion dam in Powell Creek and replace it with a fish ladder that allows fish passage and better flow rates at moderate to low stream flows. Stream-bank stabilization will improve water quality and spawning grounds for Chinook salmon in lower Williams Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-394	OWEB		Pass Creek Offstream Watering	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-DEC-01 - 29-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$19,770.00	John Day

Project Description
 The project proposes to install a pump, pipeline and troughs to provide offstream watering and eliminate the need for livestock watering access on 2.5 miles of Pass Creek, a tributary of Long Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-183	OWEB		Pearmine Restoration & Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-NOV-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$76,300.00	Willamette

Project Description
 This project will include reconnection of a meander channel, restoration of seasonal and semi-permanent wetlands and revegetation of riparian forest buffer on 88 acres of private land along the Willamette River. The completed project will improve water quality in Patterson Creek and the Willamette River and provide important off-channel habitat for native salmonids and wetland habitat for a host of wildlife species.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-473	OWEB		Peters Restoration & Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-FEB-02 - 03-SEP-03	Salmon Habitat Protection and Restoration	\$0.00	\$3,658.85	Willamette

Project Description
 The landowner will implement management strategies to improve conditions for the vegetation historically present in the area. OWEB funds are requested for project management, mileage, seed, trees, shrubs, film developing, report production and monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-501	OWEB		Phil Patti Wood River Riparian Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-FEB-02 - 12-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$16,163.00	Klamath

Project Description
 This project would continue ODFW restoration with the placement of large woody material for streambank stabilization and habitat and the construction of 2,500 feet of riparian livestock exclusion fencing in the Wood River. OWEB funds will be used for the purchase of logs, boulders, fence materials and their placement.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-254	OWEB		Pine Creek Steelhead habitat improvement design and cost	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	03-JUL-01 - 09-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$8,756.00	John Day

Project Description
 Three culverts on Pine Creek, a tributary of the John Day River, have been identified by the Oregon Department of Fish and Wildlife as impediments to fish passage. This project will develop a design and cost analysis for replacement of the three culverts. The lower culvert exists under a county road and is owned by Wheeler County. The upper two culverts occur on Pine Creek Ranch which was recently purchased by the Confederated Tribes of Warm Springs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-472	OWEB		Poodle Creek Fencing & Riparian Planting Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-AUG-02 - 03-SEP-03	Salmon Habitat Protection and Restoration	\$0.00	\$21,974.34	Willamette

Project Description
 Five landowners will install fencing to exclude livestock from the riparian zone, develop off-channel livestock watering, and plant additional trees in the riparian area. OWEB funds are requested for project management, fencing materials and installation, off-channel watering materials and equipment, riparian trees, tree planting, film developing, and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-430	OWEB		R Johnson Habitat Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$12,375.00	Northern Oregon Coastal

Project Description

This project would place large wood structures in 12 sites along Miller Creek, a tributary of the Little Elk in the Yaquina River watershed. Another 3 sites on the mainstem Little Elk would also receive in-stream log structures. In addition, the bank of a small man-made pond at the junction of Miller Creek and the Little Elk would be breached to allow connectivity between the streams and the pond during high-water events. OWEB funds would be used for purchase and placement of the large wood as well as for production and administrative costs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-503	OWEB		Restoration of Lake Fringe Wetland Habitat/Williamson River	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	05-MAR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$126,156.00	Klamath

Project Description

In 1996, TNC acquired 3,700 acres of former wetland on the north side of the Williamson River known as Tulana Farms. In 1999, TNC acquired 2,700 acres on the south side of the Williamson River known as the Goose Bay Farm property, all contiguous to Upper Klamath Lake. To date, 2000 acres of the Tulana Farms property has been converted back to wetlands and this project would breach two locations in the existing dike to re-establish 160 acres of wetland on the Goose Bay Farm property. OWEB funds will be used for construction, materials, monitoring and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-182	OWEB		Richardson Creek restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-AUG-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$111,910.00	Willamette

Project Description

The proposed project is to restore Richardson Creek to a natural channel and restore adjacent habitat that was filled during construction of the reservoir. The modifications will restore the channel substrate and facilitate restoration of riparian, emergent and submerged vegetation along the drainage.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-673	OWEB		Riparian Protection & Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-AUG-02 - 26-NOV-03	Salmon Habitat Protection and Restoration	\$0.00	\$15,644.57	Deschutes

Project Description
 This project will treat three sites at three different stream locations. Riparian fencing will be installed on a .5, 2 and 4 mile reach of stream segments and riparian plantings. Additionally armored rock gap will be placed in conjunction with the fencing on the first site. OWEB funds will be used to buy materials.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-384	OWEB		Riparian Rapid Recovery System	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-DEC-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$24,222.00	Middle Snake-Boise

Project Description
 The project proposes to rehabilitate native redband and ESA-listed bull trout habitat by planting wetland-type vegetation and installing hard-hose emitter irrigation systems on selected private land streambanks to reestablish riparian vegetation on the Malheur and Owyhee tributaries.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-285	OWEB		Riparian Seedling Release	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$19,545.00	Northern Oregon Coastal

Project Description
 This project will employ a county prison work crew to clear brush around previously planted riparian seedlings on private property located in several different watersheds in the Mid-Coast region.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-705	OWEB		Rock & Pine Cr Sediment Reduction & Road Improvement Proj	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$42,606.00	Middle Columbia

Project Description
 The project proposes to obliterate 5 segments of streamside forest road (9,100'); construct 600' of new road; reconstruct 8,600' of upslope road for alternative access, repair and deepen 2 existing ponds and rock the approaches. OWEB funds are requested for equipment rental/move-in (21%), rock/placement (61%); culverts/fencing (8%) and administration/monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-101	OWEB		Roy Creek - Fish Passage Improvement, Essen. Salmon Hab. Rec	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-JUL-01 - 24-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$14,300.00	Northern Oregon Coastal

Project Description
 The LNWC seeks \$14,300 to hire an engineer consultant to design a new fish passage structure at the Tillamook County road, Port of Tillamook. This proposal is Phase I of a two phase project. The Roy Creek culvert currently acts as a barrier to native salmonid habitat upstream, suitable for spawning rearing the seasonal refuge. Fish passage improvement at this site is a high priority of ODFW.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-701	OWEB		Sackos Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-SEP-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$77,565.00	Middle Snake-Powder

Project Description
 The project will restore 3 former meanders of the Powder River, restore the Powder River through levee removal, restore 3 wetlands, install a fish screen and fish-passage structure on Willow Creek and restore riparian habitat along the Powder River and Willow Creek. The project will improve water quality, summer flows, floodplain interaction and riparian vegetation. OWEB funds are requested for personnel (25%), berm installation/excavation/riprap/rootwads (36%), water monitoring (19%), vegetation (9%), water-control structures (6%) and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-382	OWEB		Saddle Butte Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-NOV-01 - 19-NOV-02	Salmon Habitat Protection and Restoration	\$0.00	\$73,673.00	Oregon Closed Basins

Project Description
 The applicants propose range improvements including an off-channel watering pipeline and riparian fencing that will establish new livestock utilization patterns and improve the ecological conditions in the BLM Saddle Butte Allotment for the benefit of the Wild and Scenic Owyhee River, wildlife and the stability of the local agricultural economy.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-492	OWEB		Sandy River Watershed Riparian Protection Phase III	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	05-MAR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$62,083.00	Lower Columbia

Project Description
 This project will control knotweed on the lower Sandy and treat 8 priority sites to remove mature Scots broom. It also includes treatment of an unspecified number of priority blackberry and reed canary grass sites, expanding control work further upstream along the Sandy and major tributaries, monitoring results, and continuing to test and report on best management strategies. OWEB funds are requested for project management, GIS analyst, two part-time work teams, mileage, transportation, work crews, training, materials and supplies, printing, photography, postage and project administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-329	OWEB		Scappoose Bay WS/Priority Fish Passage Correction	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-NOV-01 - 31-DEC-03	Salmon Habitat Protection and Restoration	\$0.00	\$388,354.73	Willamette

Project Description
 The applicant proposes to correct 14 high priority fish passage barriers in the watershed identified through the barrier assessment.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-389	OWEB		Service Creek Riparian Water Quality Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$64,860.00	John Day

Project Description
This project proposes to replace 13,050' of earthen irrigation diversion ditches with 10" PVC pipe to reduce water leakage from the ditches and install 3 fish screens to prevent juvenile fish mortality in irrigation diversions.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-638	OWEB		Shenk WS Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-SEP-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$268,875.00	Willamette

Project Description
Ducks Unlimited, Inc. proposes restoration of seasonal wetlands, riparian forest buffers and oak woodland/savannah adjacent to the South Yamhill River to improve habitat, improve stream flows, and demonstrate restoration practices. OWEB funds would be used for tree planting, native grass seeding, drain tile removal, excavation, berm construction and water control structures.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-106	OWEB		Siuslaw Restoration Materials Acquisition Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-JUL-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$14,960.00	Northern Oregon Coastal

Project Description
Siuslaw Watershed Council proposes a two-year project to collect and store large quantities of donated and low cost materials used for habitat structure assembly and construction. Materials are collected from landowners, utilities, county, and agency donors then transported and stored at a minimum of five strategically situated sites. Storage areas are located near potential habitat restoration sites as determined by source proximity and in consideration of SWC priorities from project assessments and actions plans.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-573	OWEB		Siuslaw Riparian Restoration Project II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	23-AUG-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$41,170.00	Northern Oregon Coastal

Project Description
 This is a two-year project to plant and maintain a minimum of 14,000 native trees and shrubs on private, non-industrial riparian land throughout the Siuslaw River watershed and the adjoining coastal lakes area. OWEB funds will be used for trees and related supplies; maintenance; and project management, in roughly equal percentages.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-093	OWEB		Siuslaw River/Sandy Cr.	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-JUL-01 - 01-FEB-02	Salmon Habitat Protection and Restoration	\$0.00	\$9,370.64	Northern Oregon Coastal

Project Description
 The project entails constructing 13 large wood debris jams in the Upper Siuslaw River. Project sites are selected based on location of where woody debris would naturally accumulate. No anchoring of material would be needed; rather stability of the structure would come from the size of material used. One fish barrier culvert will be removed on Sandy Cr., tributary to Siuslaw R. Cooperators on this project include Weyerhaeuser Corp., Siuslaw Watershed Council, Siuslaw SWCD and the Oregon Dept. of Fish and Wildlife.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-685	OWEB		Skookum/Little Wall Riparian Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-AUG-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$69,418.00	John Day

Project Description
 The project proposes to construct 23 miles of riparian fencing along Skookum and Little Wall Creeks, tributaries to Wall Creek. A portion of this fence will connect to existing natural barriers and replace existing dilapidated woven-wire sheep fence and an impediment to wildlife migration. Riparian areas in the Skookum-Little Wall Watershed will be excluded from grazing when completed. OWEB funds are requested for fencing (90%) and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-180	OWEB		Smith and Bybee Lakes Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-DEC-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$180,000.00	Lower Columbia

Project Description

This proposal involves the restoration of Smith and Bybee Lakes. Historically, this interconnected wetland system functioned as a seasonal marsh in the Columbia River floodplain near the mouth of the Willamette River. The construction of a fixed outlet in the early 1980's transformed this marsh into a permanent lake, resulting in the loss of productive wetland habitat. With this proposal, the historic hydrology and marsh habitats will be restored, providing benefits to salmon, water quality and other wildlife.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-429	OWEB		Smith Creek Culvert Design	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-FEB-02 - 01-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$13,130.00	Northern Oregon Coastal

Project Description

This project would fund an engineer consultant to design a new fish passage structure at the Gist Road crossing of Smith Creek, a tributary of the Nestucca River near the town of Cloverdale in Tillamook County. The current structure is a barrier to fish passage. OWEB funds would be used to pay for engineer consultation, design and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-480	OWEB		So Meadow/BPA Parcel Floodplain Enhancement Project II 02-03	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	19-APR-02 - 20-AUG-03	Salmon Habitat Protection and Restoration	\$0.00	\$94,495.00	Willamette

Project Description

This project will restore a diversity of vegetation communities within areas historically cleared to support agriculture, modify site hydrology to support establishment of desired ecotypes, detain and store flood waters, improve water quality, and foster historic "branched" river character. OWEB funds are requested for floodplain native plantings, exotics control, survey, design, engineering and wetland permit application for proposed hydrologic modifications, implementation of hydrologic modifications, and nursery operations to support revegetation activities.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-483	OWEB		Soap Cr Culvert Replacement & Stream Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-FEB-02 - 09-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$40,800.00	Willamette

Project Description

This project will replace an undersized culvert on Soap Creek Road at Milepost 4.13. It is currently a fish passage barrier and the slope of the culvert combined with its round bottom results in water velocities that prohibit fish passage. The project will open 5 miles of "excellent" stream habitat for cutthroat trout, steelhead and juvenile Chinook within a drainage boundary of 1,979 acres upstream from the project. OWEB funds are requested for labor, purchase of materials, plants and seed, and the rental of equipment not presently owned by Benton County Public Works.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-579	OWEB		South Fork Alsea (Mainstem)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$64,981.00	Northern Oregon Coastal

Project Description

This project will address the limiting factors of low wood density (complexity) and elevated stream temperatures along a 1.5-mile reach of the lower South Fork Alsea River by placement of large wood structures, riparian fencing and planting activities, wetland restoration and the development of backwater habitats. Over 60% of the OWEB funds requested will be used for helicopter time for placement of the wood structures. The remainder of OWEB funds are budgeted for planting activities, planting maintenance, project management, administration and planting supplies.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-518	OWEB		Spin & Marty- Butter Creek Range & Riparian Enhancement Proj	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-MAR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$34,968.00	Middle Columbia

Project Description

Project objectives include maintaining and improving existing vegetative grass and shrubs stands for resident wildlife and cattle, improving upland habitat for big game and restoration of overall stream health to the upper Butter Creek basin. Proposed project implementation includes installing 3.2 miles of pasture cross fencing to provide additional rest-rotation grazing, .6 miles of riparian corridor fencing and 6 spring developments. OWEB funds are requested for the installation of technical assistance, spring developments, fencing and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-202	OWEB		Sprague River Ranch Irrigation Water Recovery System	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-AUG-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$14,280.00	Klamath

Project Description
 This project will provide a system to recycle irrigation water from 200 acres of pasture. The system includes a toe ditch, pump, drain tiles, diking and culverts. The system will reduce nutrient loading, sedimentation and temperature in the water quality-impaired Sprague River.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-200	OWEB		Sprague River Water Quality and Water Conservation Proj.	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$3,230.00	Klamath

Project Description
 This project will collect irrigation water from a hayfield and redistribute it over an adjacent pasture. Currently irrigation tail water drains through a washed out culvert directly into 303 (d) listed Sprague River, potentially contributing to increases in water temperature, nutrients, and sediment. The project will install a new culvert with headgate, and pump and pipeline for recycling.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-682	OWEB		St Clair Ranch Rosebud Cr Improvements	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$33,235.00	John Day

Project Description
 The project proposes to install 3.0 miles of 4-strand barbed-wire fence to create upland and riparian pastures; install 2 shallow wells as an alternate source of livestock water; control 173 acres of whitetop and reseed areas with perennial grasses including crested wheatgrass, dryland alfalfa, Sherman big bluegrass, basin wildrye and Whitmar beardless bluebunch wheatgrass. OWEB funds are requested for fencing materials/installation (31%), well drilling/livestock water (23%), seed/seedbed preparation (35%), permits and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-131	OWEB		Starveout Creek Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-JUN-01 - 28-NOV-01	Salmon Habitat Protection and Restoration	\$0.00	\$4,508.00	Southern Oregon Coastal

Project Description
 A total of 57 large logs will be placed at 15 sites along a 2/3 mile section of Starveout Creek. This will increase complexity in the stream, increase in-stream cover for fish, slow water velocity and accumulate additional spawning gravel for coho salmon, winter steelhead and cutthroat trout.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-379	OWEB		Streambank Restoration/Arnoldus	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-OCT-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$52,375.00	Lower Snake

Project Description
 This project will alter the channel and bank of the Grande Ronde at two sites. Both sites are showing accelerated erosion are in need of restoration to reduce sediment and nutrient inputs, improve shade and fish habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-537	OWEB		Sunset Valley Irrigation Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-FEB-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$77,619.00	Middle Snake-Boise

Project Description
 This project will convert 760 acres of flood-irrigated land to sprinkler-drip by installing 2 mainlines from an Owyhee main canal for over 2 miles and providing gravity-fed water to 4 separate land units. Project objectives include reducing sediment transport into the Snake River system, improving water quality, reducing overland and subsurface flow of nitrates/phosphates and animal wastes, reducing water consumption to increase Snake River flows and dedicating 30 acres to wildlife habitat. OWEB funds are requested for pipe, diversions, bubblers, engineering, sign and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-572	OWEB		Sutter Creek Culvert & Stream Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	28-JUN-02 - 06-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$36,321.50	Willamette

Project Description

This project will replace an undersized culvert on Sutter Creek, a small tributary of Honey Grove Creek in the upper Alsea watershed, with an oversized arch culvert and restore the streambed that has been scoured below the existing culvert. The project area will be replanted to enhance the restoration of the area. OWEB funds will be used to pay for materials and the rental of equipment outside the resources of Benton County Public Works Department.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-133	OWEB		Sylman Valley Creek Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-JUN-01 - 20-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$19,782.00	Southern Oregon Coastal

Project Description

On Sylman Valley Creek, west of Roseburg, construct 10,070 feet of riparian fencing; install one hardened rock crossing and two truck trailer bridge crossings; install a stock water system at 4 sites; and plant 600 seedlings in the riparian area.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-583	OWEB		TCSWCD 2002 Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Habitat Protection and Restoration	\$0.00	\$47,619.00	Northern Oregon Coastal

Project Description

This project would build 17,680' of livestock exclusion fence along the riparian area of three landowners in the Nestucca River watershed. Two of the three sites would also have off-channel watering provided. Almost 90% of the requested OWEB funds would be spent on fencing crew wages and travel.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-598B	OWEB		Tenmile Lakes' Fish Passage & Sediment Abatement	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-SEP-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$47,509.00	Southern Oregon Coastal

Project Description
Same as 201-598. Additional project location.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-598	OWEB		Tenmile Lakes' Fish Passage & Sediment Abatement	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	19-JUN-02 - 01-MAR-04	Salmon Habitat Protection and Restoration	\$0.00	\$231,222.00	Southern Oregon Coastal

Project Description
This project proposes to remove eight fish passage and/or sediment problem structures within five sub-basins. The project will enhance and improve passage to approximately 20 miles of habitat. These sites have been identified as priority "fixes" through the watershed council's assessment. Possible solutions have been evaluated and preferred alternatives have been chosen. A project selection committee consisting of watershed council members, state and federal agencies, local government and project-site landowners decided upon site alternatives.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-380	OWEB		Terracing/Upper Grande Ronde	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	22-OCT-01 - 02-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$9,345.00	Lower Snake

Project Description
The project proposes to install two gradient terraces across the upper slope of the property in order to reduce erosion and sediment transport to the Grande Ronde River, retain runoff for moisture conservation, and improve water infiltration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-393	OWEB		Thissell Juniper/Range Improvement Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	22-OCT-01 - 16-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$8,925.00	Oregon Closed Basins

Project Description
 This project proposes to thin 85 acres of juniper and aerially seed the area. The project will promote a healthier balance through juniper thinning and aerial grass seeding.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-521	OWEB		Three P's Water Quality & Wildlife Habitat Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-MAR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$86,959.00	Middle Snake-Boise

Project Description
 The canal water entering this property is laden with sediment. This wetland-wildlife project will clean up sediment and function to decompose chemical runoff of pesticides, herbicides and decrease nitrogen and phosphorous levels. Vegetative plantings will provide filtering and shade on a constructed 14.4 acres wetland areas-pond. OWEB funds are requested for plant materials, pipe, waterwheel and administration.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-381	OWEB		Throop-Snyder Ditch Diversion Elimination	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-OCT-01 - 12-SEP-02	Salmon Habitat Protection and Restoration	\$0.00	\$27,050.00	John Day

Project Description
 This project proposes to replace the Throop-Snyder diversion with three pump stations over a two-year time period.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-428	OWEB		Tillamook SWCD WS Restoration & Enhancement Planting	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-FEB-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$23,778.00	Northern Oregon Coastal

Project Description

This project would fund planting and related maintenance activities (tree release) on five different landowner sites in Tillamook County. Two of the properties are on the Trask River and one each on the Nestucca and Nehalem Rivers and Sand Creek in the Sand Lake watershed. The requested OWEB funds would be used to pay wages for planting and maintenance, travel, tress/shrubs, administration and monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-597	OWEB		Timber Ridge Ranch WS Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	11-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$55,220.00	Southern Oregon Coastal

Project Description

This project proposes to increase and enhance fisheries habitat, improve water quality and enhance wetland function on a 226 acre ranch on Two-mile Creek, The project will have components addressing three bottomland reaches. Components include, expansion of an existing wetland, native tree and shrub planting in riparian zones, bridge and culvert replacements, fence construction and the increasing of stream complexity.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-663	OWEB		Trapper Creek Stream Restoration Phase I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$51,000.00	Deschutes

Project Description

Trapper Creek provides spawning habitat for an isolated bull trout population. The creek has been straightened and modified since the 1930's. This project would restore channel habitat complexity, hydrologic function and floodplain access, increasing the bull trout habitat beyond the four percent that exists today. OWEB funds would primarily be used for contracted service and materials.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-345	OWEB		Tumalo Water Conservation Project Group	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-NOV-01 - 06-MAY-02	Salmon Habitat Protection and Restoration	\$0.00	\$200,000.00	Deschutes

Project Description
 This project would contribute to the Phase 4 Siphon, a project to remove the existing aerial flume and install an 84-inch pressure rated buried siphon pipe on Tumalo Creek. The project would transfer 20 cfs of senior water rights to instream water rights upon completion of the entire four-phase project.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-704	OWEB		Umatilla Co Forest Restoration & Fuels Reduction Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$72,900.00	Middle Columbia

Project Description
 Cost-share assistance is sought for non-industrial forest landowners to complete precommercial thinning and slash abatement practices. Treating 400 acres will increase the forest health and reduce the threat of catastrophic wildfire. OWEB funds are requested precommercial thinning (46%); slash treatment (45%) and administration and monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-375	OWEB		Union County Direct Seeding	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$63,000.00	Lower Snake

Project Description
 This project proposes to direct seed 3,000 acres. Direct seeding is a proven method to reduce soil and wind erosion, thereby increasing water infiltration and carbon sequestration. It will also help to improve air quality through reduced field burning.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-669	OWEB		Upper Crooked River Weed Management Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$19,948.00	Deschutes

Project Description
 This project will fund a coordinator who will implement an integrated weed management strategy including initial and follow-up treatments, and administer the ODA cost-share grants to involved landowners for noxious weed treatments in the Upper Crooked River basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-535A	OWEB		Upper John Day Irrigation Diversion Improvements	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	19-MAR-02 -	Salmon Habitat Protection and Restoration	\$78,428.00	\$0.00	John Day

Project Description
 Same as 201-535. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-535	OWEB		Upper John Day Irrigation Diversion Improvements	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	19-MAR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$13,840.00	John Day

Project Description
 The Grant SWCD is proposing to replace 8 gravel push-up diversion dams with fish friendly alternatives, improve headgates and install measuring devices. The project will retain 2 part-time engineers and a summer engineering student to provide technical assistance to design and implement these projects, and OWRD will provide technical assistance for the installation of the water-flow measuring devices. OWEB funds are requested for personnel, travel and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-249	OWEB		Urizar Juniper Removal Project II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-AUG-01 - 13-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$28,550.00	Oregon Closed Basins

Project Description

The first phase of the project (99-396) was just completed. The second phase will cover a slightly larger, adjoining topography. The goals of restoring the area to a more diverse habitat of native plant vegetation, and ultimately improving the condition of the watershed, remain. Removing 90% of the juniper has been shown to increase native grasses, bitterbrush, mahogany and pine by increasing soil moisture. This project site is critical mule deer and elk winter habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-645	OWEB		Vincent Creek & Sarah's Run WS Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-JUN-02 - 21-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$33,798.00	Willamette

Project Description

A landowner along Vincent Creek proposes a project that includes riparian planting, reforesting adjacent land, improving degraded wetlands, replacing fish barrier culverts, resurfacing roads and improving wildlife habitat. OWEB funds would be used for riparian reforestation, culverts, rock and equipment rental.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-610	OWEB		Weatherly Creek Structure Placement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-AUG-02 - 30-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$9,187.00	Southern Oregon Coastal

Project Description

This project proposes to 50 logs and 171 boulders in 17 sites along a 1-mile section of creek to increase instream complexity, slow water velocities and accumulate gravels for coho, steelhead and cutthroat trout.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-577	OWEB		West Fork Ecola Creek Large Wood Debris Placement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	03-JUL-02 - 30-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$1,520.00	Northern Oregon Coastal

Project Description
 This project will place 10-15 pieces of large wood in West Fork Ecola Creek for salmonid habitat, gravel recruitment and refugia. The trees are a donation from a local ODOT project. 100% of the OWEB funds will be used for wood placement.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-516	OWEB		Weston Mountain Ponds	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	03-MAR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$52,877.00	Middle Columbia

Project Description
 The project will construct 8 small-scale infiltration ponds. These ponds will collect and retain water from surface flow, snowmelt and precipitation and allow it to saturate into the ground and seep into nearby Hudgson, Rayborn & Dry Creek Canyons. This will result in increased instream flows during the low-flow period, improved riparian conditions and also provide off-stream water for livestock. OWEB funds are requested for a pond construction costs, a workshop presentation and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-230	OWEB		Whiskey Creek Sediment Reduction & Road Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-SEP-01 - 13-AUG-03	Salmon Habitat Protection and Restoration	\$0.00	\$68,983.00	Lower Snake

Project Description
 *Reduce sediment inputs into Whiskey Creek (an ESA-listed Steelhead stream) which flows into the Wallowa River thus improving water quality and steelhead spawning habitat. *Rock 3.8 miles of road (some spot rocking), with 26 rocked dips to improve drainage and reduce surface erosion. *Replace old ford crossing with a 25" culvert crossing. *Replace 5 more undersized culverts on Whiskey Creek (36" to 78" culverts). * Implement recommendations proposed in the Wallowa County/NPT Salmon Recovery Plan.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-554	OWEB		White Eason Land LLC Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-MAR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$91,000.00	Middle Snake-Boise

Project Description
The project proposes to relocate ranch corrals and a feedlot away from the Owyhee River at Rome. Malheur SWCD is proposing to relocate the working corrals and feedlots to a combined area about 1 mile away from the river. The current feedlot will be reseeded to crested wheatgrass and tall wheatgrass with native willow planted in the bank area to filter sediment, utilize nutrients, control erosion and optimize water infiltration. Project objectives include improved water quality and quantity; reduced soil erosion; improved fish and wildlife habitat and riverbank rehabilitation, improved fisheries habitat and increased public awareness. OWEB funds are requested for materials, equipment rental and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-083	OWEB		Wildcat Cooperative Restoration/Big Elk	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-JUL-01 - 20-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$9,956.42	Northern Oregon Coastal

Project Description
This project intends to improve both summer and winter rearing habitats for juvenile salmonids in a high priority spawning tributary of the Big Elk. The project involves multiple landowners and interfaces extensively with the Royal Rangers youth group to accomplish restoration tasks. There will be tremendous educational benefit associated with this cooperative restoration project.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-694	OWEB		Willow Creek E-coli Reduction Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-JUN-02 - 02-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$10,279.10	Middle Snake-Boise

Project Description
This project involves aerating pasture land and other cropland to increase infiltration rates and reduce surface runoff from irrigation and storm events from entering Willow Creek. Lower Willow Creek contains 27,000 acres of concentrated farmland which will be aerated using the aerator/cultivator. OWEB funds are requested for aerator (91%) and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-237	OWEB		Willow Creek Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	08-JAN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$184,600.00	Middle Snake-Boise

Project Description

This project consists of addressing water quality issues resulting from storm events and snow-melt runoff for five feedlot operators in the North Willow Creek Basin near Brogan, Oregon. Irrigation lateral ditches below feedlots will have pipe installed and covered, collection ponds will be build, and a wildlife reservoir will be constructed to capture watershed runoff above a feedlot.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-520	OWEB		Willow Creek WS Winter Feeding Area Improvement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-FEB-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$34,405.00	Middle Columbia

Project Description

This project will meet water quality improvement objectives by restricting livestock access to creeks and reducing overland flow and potential animal waste inputs. The project includes the construction of waste storage structures, 4,250' of exclusion fencing, 3 off-stream watering facilities, water sampling, grass seeding and culvert installation on 2 different landowners in different parts of Morrow County. OWEB funds are requested for fencing, off-stream water developments, seedbed preparation, grass seed and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-390	OWEB		Wilson/Wall Creek Riparian Fencing	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-DEC-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$46,090.00	John Day

Project Description

This project proposes to construct 13 miles of riparian fencing along upper Wall Creek, a tributary to the North Fork of the John Day River and Wilson Creek, a tributary to Wall Creek. Also, 2 cattleguards will be installed where the proposed fences cross the road to attach to existing boundary fences.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-242	OWEB		Wolf Creek Riparian Enhancement and Irrigation Consol.	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	07-NOV-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$76,750.00	Middle Snake-Powder

Project Description
 This proposal represents Phase I of a multi-phase project on a two mile section of Wolf Creek that includes riparian fencing, riparian plantings, installing a fish screen, building two ponds and a wetland area, and replacing open ditches with mainline pipe.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-376	OWEB		Wolf Creek Riparian Livestock Exclusion & Watering System	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-NOV-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$15,250.00	Middle Snake-Powder

Project Description
 This project would fence the water gap on a stretch of Wolf Creek that runs through private property and replace a road crossing with a culvert.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-378	OWEB		Wolf Creek/Powder Livestock Exclusion & Watering System	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$25,640.00	Middle Snake-Powder

Project Description
 This project proposes to develop two shallow wells with a trough system to water cattle and eliminate the need to divert water from the creek. The large number of cattle using the water gap are causing bank erosion, degradation of the riparian vegetation and increased bacterial inputs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-196	OWEB		Wood River Large Woody Debris Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	08-OCT-01 - 19-AUG-02	Salmon Habitat Protection and Restoration	\$0.00	\$10,808.00	Klamath

Project Description

This project proposes to improve adult and juvenile redband trout habitat by creating habitat, stream channel roughness, and instream structure with the placement of large woody debris. This project is part of an ongoing effort on the part of private landowners and ODFW to improve redband trout numbers and habitat on private lands in this watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-484	OWEB		Woods Cr Culvert Replacement & Stream Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-FEB-02 - 07-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$40,802.93	Willamette

Project Description

This project will replace an undersized culvert crossing on Price Creek Road at Milepost 0.06. The project will open 4.73 miles of "excellent" stream habitat for cutthroat trout, steelhead and juvenile Chinook within a drainage boundary of 2,713 acres upstream from the project. OWEB funds are requested for labor, purchase of materials, plants and seed, and the rental of equipment not presently owned by Benton County Public Works.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-361	OWEB		Wrentham Bioengineering Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-OCT-01 - 21-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$46,150.00	Middle Columbia

Project Description

This project proposes to rehabilitate an actively eroding stretch of Fifteenmile Creek using bioengineering, upstream barb and toe rock placement.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-088	OWEB		Wright Creek Culvert Replacement Project: Phase Two	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-JUL-01 - 01-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$33,616.19	Northern Oregon Coastal

Project Description
 This proposal is a continuation of a project (OWEB #99-286) begun in 1999. It continues the removal and replacement of undersized or barriers for both juvenile and adult salmonids. Under this proposal, two culverts on the mainstem of Wright Creek will be removed and replaced with flat car bridges. These replacements will improve spawning and other migration to a watershed of 2,800 acres that contains more than two miles of habitat. This improvement will help Coho, Chinook, Chum, Steelhead and Cutthroat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-648A	OWEB		Yamhill Basin Landowner Conservation Plan Implementation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	07-JUN-02 -	Salmon Habitat Protection and Restoration	\$78,140.25	\$0.00	Willamette

Project Description
 Same as 201-648. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-648	OWEB		Yamhill Basin Landowner Conservation Plan Implementation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	07-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$10,785.75	Willamette

Project Description
 The Yamhill Soil & Water Conservation District proposes a program of technical assistance to implement conservation practices covering 2400+ acres with 18 landowners in the Yamhill Basin. OWEB funds would be used to hire a Resource Conservationist, office rental and monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-284	OWEB		Yaquina Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	07-NOV-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$19,585.00	Northern Oregon Coastal

Project Description
 This project proposes to fence nearly 4,000 feet of Yaquina River, remove the blackberries and reed canary grass in the riparian area and plant 100 conifers, which will be protected with enclosures.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-386	OWEB		Yost Water Quality Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-MAY-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$57,981.00	Lower Snake

Project Description
 This project proposes to eliminate runoff from feedlots entering the Wallowa River. This will be accomplished through off-channel livestock water developments and riparian fencing.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-527	OWEB		Zubrick Dike Setback	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-MAR-02 - 09-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$8,940.00	Lower Snake

Project Description
 The project will remove and setback 550 LF of dike along the Grande Ronde. Without being setback, this section is subject to intense hydrologic forces during high-water events. Project objectives include increasing the riparian area, increase shading opportunities, improve streambank stability, create a wetland and increase floodplain opportunities. OWEB funds are requested for the dike setback, surface drain, administration and monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-217	OWEB		Zumwalt Prairie Land Acquisition	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	- 26-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$2,500,000.00	Lower Snake

Project Description
The Nature Conservancy is seeking \$4,000,000 for the purchase of the 26,920 acre Camp Creek Ranch located on Zumwalt Prairie in the Imnaha watershed, Wallowa County, Oregon. The property includes approximately 11,000 acres of high quality palouse prairie and 90% of the Camp and Trail Creek watersheds encompassing 38 stream-miles. Acquisition will protect the current condition and provide the opportunity to implement a watershed-scale restoration and management program to benefit the federally listed, endangered Snake River Basin steelhead and Snake River spring/summer Chinook as well as bull trout, red band trout, ferruginous and Swainson's hawks, Colombian sharp-tailed grouse, Spalding's Campion and 20 additional at-risk species.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-217A	OWEB		Zumwalt Prairie Land Acquisition (Addendum)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	- 26-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$500,000.00	Lower Snake

Project Description
Addendum to 201-217

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-019	OWEB		2001 Tillamook County WS Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-MAY-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$99,000.00	Northern Oregon Coastal

Project Description
This project provides on-the-ground assistance by an experienced crew of restoration workers of Tillamook County landowners in implementing resource management plans, water quality plans and watershed council action plans designed to improve water quality and salmon habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-583	OWEB		Alan White Bank Stabilization Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 22-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$16,082.00	Middle Snake-Boise

Project Description
 Reduce erosion and sediment and improve water quality in the Malheur River by stabilizing streambank. Stabilization includes bank sloping, installing rock revetment, and vegetative plantings.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-604	OWEB		Alder Creek Juniper Management Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$24,980.00	John Day

Project Description
 Control juniper on 360 acres in Alder Creek, which contains ESA-listed summer steelhead.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-609	OWEB		Andersen Erosion Control	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 06-AUG-02	Salmon Habitat Protection and Restoration	\$0.00	\$2,250.00	John Day

Project Description
 Install sediment catch basin/settling pond to capture overland flow, and reduce erosion, sediment and nutrient delivery to the North Fork of the John Day River. Captured water would be used for irrigation and replace water diverted from the river.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-479	OWEB		Applegate Floodway Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Salmon Habitat Protection and Restoration	\$39,501.00	\$0.00	Southern Oregon Coastal

Project Description
 Improve fish habitat, flood-plain stability, and channel integrity along low gradient, flood-prone reaches of the Applegate and Little Applegate Rivers by (1) on-the-ground restoration, (2) outreach, and (3) morphological monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-077	OWEB		Applegate River Riparian Restoration project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-FEB-01 - 08-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$113,899.51	Willamette

Project Description
The Applegate River Watershed Council proposes to expand its Tree planting Program into a more comprehensive Riparian Restoration Program. Over the next two years, we will plant 36,000 native trees & shrubs, remove two miles of exotic Himalayan blackberries (<i>Rubus discolor</i>) and restore native vegetation at these site, & develop and implement grazing mgmt plans with landowners which will include two miles of riparian or cross fencing. Volunteers will propagate 90% of the deciduous material at federal facilities.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-572	OWEB		Bafford/Grande Ronde Fish Habitat Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	29-JUN-01 -	Salmon Habitat Protection and Restoration	\$26,614.00	\$0.00	Lower Snake

Project Description
Use large, woody debris and plantings to stabilize 1/4 mile of streambank and riparian area in the Upper Grande Ronde River and improve aquatic habitat for salmonids. Fence stream to prevent livestock watering.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 98-354A	OWEB		Bandon School District Gross Crk Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-MAY-99 - 08-JUN-03	Salmon Habitat Protection and Restoration	\$2,967.56	\$0.00	Southern Oregon Coastal

Project Description
Gross Creek assessment of the stream and existing culverts with reference to improving fish passage.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-523	OWEB		Baskett Slough Creek-Bessett Property Wetland Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 07-MAY-02	Salmon Habitat Protection and Restoration	\$0.00	\$32,571.40	Willamette

Project Description
Restore historic wetland from a farmed parcel containing a diked and channelized stream and uniformly graded, undrained hydric soil, to a wetland system containing a meandering stream with diverse riparian vegetation. Monitor and assess changes.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-073	OWEB		Bear Creek Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-MAY-01 - 19-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$136,405.00	Southern Oregon Coastal

Project Description
This project will construct approximately 10 miles of riparian livestock exclusion fencing along both sides of Bear Creek, a tributary to the Mainstem Coquille River.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-146	OWEB		Beaver Creek Channel Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	13-MAR-01 - 29-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$30,600.00	Deschutes

Project Description
The Beaver Creek Channel/Wet Meadow Restoration Project includes survey, analysis, and design works as well as channel rehabilitation, habitat improvement and wet meadow protection and enhancement. The channel/wet meadow restoration project is large and complex (hence the extensive survey, analysis and design components) but will result in substantial ecological and socioeconomic benefits in terms of: improved water quality and quantity for fish, wildlife, vegetation and agricultural production; improved fish and wildlife habitat; reduced erosion; and improved efficiency of irrigation and water use in a major tributary of the Crook River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 98-123A	OWEB		Beaver Relocation and Mgt Program	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-98 - 14-AUG-03	Salmon Habitat Protection and Restoration	\$5,704.61	\$0.00	John Day

Project Description
Re-introduce and manage beaver where suitable habitat

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-514	OWEB		Big Tom Folley Road and Culvert	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 15-APR-02	Salmon Habitat Protection and Restoration	\$0.00	\$52,225.00	Southern Oregon Coastal

Project Description
Replace undersized culverts with a bridge on Saddle Butte Creek, and a pipe arch culvert on Wynkoop Creek. Remove a culvert on Big Tom Folley Creek. Decommission or reconstruct sections of stream bottom road in Big Tom Folley and Elk Creeks.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-512	OWEB		Brush Creek Culvert Replacement	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 09-APR-01	Salmon Habitat Protection and Restoration	\$0.00	\$13,671.00	Southern Oregon Coastal

Project Description
Replace 48" culvert with a 144" half-round pipe to allow fish passage and prevent fill from entering Middle Creek if culvert fails.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-193	OWEB		Brush Creek-Phase 3	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	28-JUN-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$11,857.00	Lower Snake

Project Description
This proposal will rehabilitate, enhance, and restore a 3,350 ft section of riparian area on Brush Creek, a perennial spring-fed tributary in the headwaters of upper Ladd Creek near La Grande, OR. The project involves stream improvement and riparian restoration by installing fish-compatible culvert, planning approximately 1580 ft of riparian plantings and building 4165 ft of riparian fencing. This is Phase III of a multi-Phase project on this section of Brush Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-438	OWEB		Buck Cr. Cooperative Rest Proj / Five Rivers	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 07-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$34,407.45	Northern Oregon Coastal

Project Description
 Instream and riparian restoration on Buck Creek. Install LWD structures of mature trees instream by helicopter at nine sites. Plant riparian corridors with red cedar, douglas fir, sitka spruce, maple, and willow.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-511	OWEB		Buck Fork - North Myrtle Culvert Replacement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 07-JUN-01	Salmon Habitat Protection and Restoration	\$0.00	\$12,075.00	Southern Oregon Coastal

Project Description
 Replace existing culvert with a rail car bridge to make accessible 4-5 miles of additional spawning habitat to coho and winter steelhead. Place 3 logs and 2 boulder clusters instream to enhance habitat. Plant riparian area with willows and alder.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-259	OWEB		Calapooya Creek Drought 2001 Response Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	22-JUN-01 - 18-APR-02	Salmon Habitat Protection and Restoration	\$0.00	\$18,313.00	Southern Oregon Coastal

Project Description
 Oregon Water Trust will lease consumptive water rights from three water rights holders on Calapooya Creek, a priority watershed within the Umpqua Basin, and convert those to instream water rights for the 2001 irrigation season.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-435	OWEB		Cantrell Stream Enhnc Proj/Salmonberry-Alea	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 06-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$9,307.00	Northern Oregon Coastal

Project Description
 Combined instream and riparian restoration project. Place 25 pieces of large wood in Cantrell Stream, creating full channel-spanning complexes. Pre-commercial thinning to increase canopy litter and migratory substrates. Develop alcoves.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-184	OWEB		Charlie Dohert- Butter Creek Range & Riparian Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-MAR-01 - 31-DEC-02	Salmon Habitat Protection and Restoration	\$0.00	\$96,231.00	Middle Columbia

Project Description
 Landowner Charlie Doherty has joined the Butter Creek Range & Riparian Enhancement Project which now encompasses 96,000+ acres in Umatilla and Morrow Counties, 22 miles main Butter Creek, 10 miles of East Fork of Butter Creek and 18 miles of various tributaries to Butter Creek. Doherty requested financial and technical assistance with addressing resource concerns on his property located in the headwaters of Butter Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-072	OWEB		Cherry Creek Instream Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUL-01 - 17-DEC-01	Salmon Habitat Protection and Restoration	\$0.00	\$15,490.00	Southern Oregon Coastal

Project Description
 This proposed project will construct approximately 10 full-channel spanning boulder weirs and several rock barbs within Cherry Creek. A tributary to the North Fork Coquille River. Cherry Creek was splash dammed in the past, leaving the streambed devoid of gravel, large woody debris and structure for fish habitat. Cherry Creek is a core area for coho salmon, and also serves as habitat for Chinook salmon, and steelhead.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-522	OWEB		Churchill Culvert Replacement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 02-OCT-01	Salmon Habitat Protection and Restoration	\$0.00	\$5,509.65	Willamette

Project Description
Replace undersized culvert in Mountain View Creek, a steelhead and cutthroat trout bearing stream, with a larger pipe arch culvert. Repave road, and regrade and riprap ditches to reduce erosion.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-106	OWEB		Clackamas County 2001 Fish Passage Improvements	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-FEB-01 - 15-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$279,865.00	Willamette

Project Description
The Clackamas River 2001 Fish Passage Improvements Project consists of a package of 13 culverts located in the Clackamas and Molalla River watersheds that have identified as barriers to fish passage and priorities for replacement. The project sites are on Oregon Dept Fish and Wildlife list of stream blockages and have been reviewed and prioritized biologically by ODFW staff. Each project in the following Section III detail is identified with ODFW's ranking from 1 through 13. Completion of the project would potentially open 22.3 stream miles to anadromous salmonids would benefit resident cutthroat trout.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-566	OWEB		Cloverdale Ditch Piping Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 26-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$100,000.00	Deschutes

Project Description
Convert 15,840 ft. of open irrigation ditch to a 24 inch diameter plastic pipe on Squaw Creek, which is frequently dewatered due to irrigation diversions. By agreement, 50% of the conserved water will be returned to instream flow.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-101	OWEB		Coffin Butte Acquisition	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	29-OCT-01 - 20-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$21,500.00	Willamette

Project Description
 This project proposes the acquisition of 50 acres of property abutting the E.E. Wilson Wildlife Refuge. There is significant local interest to manage this property for wildlife values.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-429	OWEB		Congdon Creek Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 11-JUN-01	Salmon Habitat Protection and Restoration	\$11,000.00	\$0.00	Northern Oregon Coastal

Project Description
 Fence riparian area on one mile of Congden Creek to exclude livestock. Plant protected riparian area with willow, maple, and mixed conifers.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-041	OWEB		Conservation Planning & Implementation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	19-DEC-02 -	Salmon Habitat Protection and Restoration	\$92,725.00	\$0.00	Willamette

Project Description
 This proposal is for continuation of an earlier OWEB-funded project. It focuses on providing landowners with technical assistance to develop site-specific conservation plans and installing conservation practices. OWEB funds are requested for personnel, travel, training, supplies, operations, administration and site monitoring for 5 years.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-461	OWEB		Coos Watershed Projects 2000	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 31-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$385,816.00	Southern Oregon Coastal

Project Description
 Enhance coho habitat in high priority and adjacent areas in the Coos River Basin. This includes road decommissioning, culvert replacement or removal, and the reintroduction of natural material instream to develop channel complexity.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-466	OWEB		Coquille Watershed Culvert Replacement Proj	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-MAY-01 - 17-DEC-01	Salmon Habitat Protection and Restoration	\$0.00	\$28,128.00	Southern Oregon Coastal

Project Description
 Replace three culverts on Steele Creek, China Creek, and Getty's Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-427	OWEB		Crab-Green Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 26-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$208,000.00	Northern Oregon Coastal

Project Description
 Use a helicopter to place 400 trees, some with limbs and rootwads, in 10.6 miles of anadromous fish habitat in the Crab Creek and Green River sub-watersheds. Eliminate animal grazing in some areas and replant native vegetation.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-555	OWEB		Crooked Rvr Watershd Council Riparian Protctn & Enhncmnt Proj	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 23-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$37,384.00	Deschutes

Project Description
 Streams in the Crooked River Basin, a priority area for redband trout, are temperature water quality listed. This project would protect riparian and stream channel areas, develop grazing plans, and enhance native vegetation on 25 miles of stream.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-568	OWEB		Dairy Creek & Elder Creek Streambank Enhancement & Education	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 07-JAN-02	Salmon Habitat Protection and Restoration	\$0.00	\$1,136.90	Oregon Closed Basins

Project Description
 Fund two electric fences to protect later seral plant communities in riparian areas from grazing livestock on a rotating basis.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-162	OWEB		Deer Creek Afforestation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	22-FEB-01 - 06-NOV-02	Salmon Habitat Protection and Restoration	\$0.00	\$11,669.39	Lower Snake

Project Description
 70 acre reforestation project. Project will establish permanent vegetation on what was previously old wheat fields at the headwaters of Deer Creek. Ponderosa pine seedlings will be planted and grass seed will be sown to stabilize soil, reduce sediment inputs to Deer Creek and increase shade and snow storage.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-187	OWEB		Demonstration of SW Stewardship Using Drip irrigation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-FEB-01 - 21-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$32,000.00	Oregon Closed Basins

Project Description
 Subsurface drip irrigation has the potential to improve irrigation efficiency and reduce irrigation induced erosion, runoff, and groundwater contamination. The project uses practical demonstrations and education to expand subsurface drip irrigation that we developed for onions by proving feasibility on additional crops and situations, using a wide range of cooperators. Water savings and soil moisture conditions are extensively monitored on the experiment station and in growers fields.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-141	OWEB		Demonstration to Reduce the Risk of Agriculture/The Dalles	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-FEB-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$69,867.00	Middle Columbia

Project Description
 This project will prevent pesticide pollution from orchard operations in the Fifteenmile Sub-basin.,17070105. The Wasco County Fruit and Produce League orchard growers objective is to implement Integrated Pest Management (IPM) practices in The Dalles area orchards. The new generation pesticides reduce the risk of pollution to land and aquatic resources affecting salmon and other endangered species. The use of less toxic pesticides requires growers to be more precise in timing of the application of these pesticides because they don't persist in the environment like broad- spectrum pesticides. Growers will use a network of remote weather station in orchards to correct precise weather data to calculate pesticides better decisions to make precise timed application of new generation pesticides.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-145	OWEB		Deschutes Water Bank	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-MAR-01 - 23-JUN-03	Salmon Habitat Protection and Restoration	\$55,000.00	\$0.00	Deschutes

Project Description
 The Deschutes Basin Resources Conservancy will establish a Deschutes Water Bank to efficiently transfer water for the region's needs while improving instream flows.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-063	OWEB		Ditch Stock Water- UBWC	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-JUN-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$3,999.00	Southern Oregon Coastal

Project Description
 This project provides alternative stock water to two landowners who have fenced livestock from Wood, Windy and Quines Creeks.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-263	OWEB		East Fork Illinois River Drought 2001 Response Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	22-JUN-01 - 18-APR-02	Salmon Habitat Protection and Restoration	\$0.00	\$15,590.00	Southern Oregon Coastal

Project Description
 Oregon Water Trust will lease consumptive water rights from one landowner on the East Fork Illinois, a priority watershed within the Illinois sub-bassin, and convert those to instream water rights for the 2001 irrigation season.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-509	OWEB		Elk Creek Culvert Replacement	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 03-JUL-01	Salmon Habitat Protection and Restoration	\$0.00	\$6,404.00	Southern Oregon Coastal

Project Description
 Replace round culvert with a bottomless arch to make accessible one mile of spawning and rearing habitat in the Smith River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-078	OWEB		Evans Creek Fish Passage	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	16-FEB-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$76,000.00	Middle Columbia

Project Description

The Middle Fork Irrigation District will remove 2 fish passage barriers and diversion from Evans Creek and end the inter-basin transfer of glacial silt into the Creek. The District proposes to construct 5 miles of pipeline connecting into their piped delivery system, and eliminate Evans Creek as a water supply conveyance. The project will restore access to 2.5 miles of winter steelhead and coho salmon habitat, eliminate inadequate fish screens and restore clear water to 5.5 miles of Evans Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 97-171	OWEB		Farmer's Ditch Jump Pool	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-OCT-97 - 02-APR-02	Salmon Habitat Protection and Restoration	\$2,500.00	\$0.00	Southern Oregon Coastal

Project Description

Rebuild a jump pool washed out by 1996 winter floods to improve fish passage.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-618	OWEB		Fencing Stockpile/Oregon Riparian Habitat Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 30-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$357,000.00	Southern Oregon Coastal

Project Description

Purchase riparian fencing materials to stockpile at ODFW district offices. Administer program to use fencing materials to negotiate riparian fencing agreements with landowners along streams. The sites will be selected using the Oregon AHREG.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-575	OWEB		Follett/Pine Grove Cmtry Rd Reloc & Riparian Rest - Phase II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-JAN-01 - 19-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$18,583.00	Lower Snake

Project Description
Relocate and stabilize high-traffic road currently in Rysdam Canyon Creek (tributary of Grande Ronde River); install culverts. Fence riparian area and construct off-stream watering.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-121	OWEB		Friendsview Manor Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	21-FEB-01 - 02-MAY-02	Salmon Habitat Protection and Restoration	\$0.00	\$9,500.00	Willamette

Project Description
The Friendsview Manor riparian area is 5 acres in size, averaging 200feet wide and 1000 feet long located in the City of Newberg. Hess Creek meanders through a wetland bottom stream flowing North to South between terrace escarpments that rise 30 feet in elevation above the streambanks. The planned project will plant a variety of adapted native trees and shrubs within open areas, inter-planting of under-stock areas and under planting existing tree stands. The project will control blackberries, reed canary grass and ivy. The project will also install nine instream structures for fish and wildlife habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-552	OWEB		Fulton and Gordon Canyons Watershed Management	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 17-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$4,844.00	Deschutes

Project Description
Construct sediment basins to catch gully run-off during peak periods, and construct terraces to prevent sedimentation in the lower Deschutes Basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-436	OWEB		Giggy Stream Enhncmnt / Bummer Cr. Alsea	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 17-SEP-01	Salmon Habitat Protection and Restoration	\$0.00	\$3,642.50	Northern Oregon Coastal

Project Description
Create full-spanning and deflector oriented LWD structures in Bummer Creek to provide diverse habitats for macroinvertebrates, juvenile salmonids, and Brook and Pacific Lamprey.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-591	OWEB		Government Mtn Sediment Reduction Project - Phase 2	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 09-MAR-01	Salmon Habitat Protection and Restoration	\$0.00	\$28,960.00	Middle Columbia

Project Description
Improve two sections of heavily used forest road and obliterate another section of creek-bottom road to reduce sediment delivery into tributaries of the Walla Walla River and Mill Creek, both critical bull trout and steelhead habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-246	OWEB		Grass Valley Canyon Watershed Management	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	13-AUG-01 - 20-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$9,075.93	John Day

Project Description
Project will implement best management practices (BMPs) and plant riparian vegetation in the Grass Valley Watershed. Implementation will take place at four sites. Practices to be cost shared include riparian restoration and cropland erosion control practices as elements of farm conservation plans. A riparian restoration on the Sherman High School campus will provide a convenient educational resource, and will compliment the Sherman SWCD Conservation Nursery recently established on the high school campus.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-448	OWEB		Grateful Creek Habitat Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$2,193.44	Northern Oregon Coastal

Project Description
Fence streambank and wetland on Grateful Creek. Plant mixed species of trees and brush in riparian area; place 12 logs instream for structure and complexity of habitat, and replace an impassible culvert.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-508	OWEB		Gravel Creek Culvert Replacement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 09-APR-01	Salmon Habitat Protection and Restoration	\$0.00	\$18,228.00	Southern Oregon Coastal

Project Description
Replace 60" failing culvert with a 144" half-round pipe to enhance fish passage into 3/4 mile of upstream habitat. This project will also prevent fill from entering the stream if culvert fails.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-557	OWEB		Green Point Creek Watershed Restoration - Project 2000	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 05-DEC-00	Salmon Habitat Protection and Restoration	\$0.00	\$36,211.98	Middle Columbia

Project Description
Place 1,000 logs by helicopter in 32 specific sites in Green Point Creek, in a section that is habitat for listed steelhead.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-574	OWEB		Griffin / Grande Ronde Meander Preservation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	10-MAY-01 -	Salmon Habitat Protection and Restoration	\$13,990.00	\$0.00	Lower Snake

Project Description
Fence section of Grande Ronde River to prevent livestock watering. Install logjam plug for meander and salmonid habitat preservation. Plant native vegetation in riparian area.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-440	OWEB		Hagen Stream Enhncmnt / Crooked Cr - Alsea	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 18-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$9,730.53	Northern Oregon Coastal

Project Description
Instream and riparian enhancement and restoration of historical channel configuration on Crooked Creek and Ernest Creek.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-599	OWEB		Halfway-Pine Crk Flood Prevention & Fish Habitat Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 07-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$14,026.15	Middle Snake-Powder

Project Description
Install rock barbs, plant alder-willow rootwad clumps, install tree-shrub riprap, and install fence to reduce sediment and improve listed bull trout habitat on a stretch of Pine Creek with excessive erosion.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-068	OWEB		Horse Heaven Creek Instream Large Wood Placement	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-MAR-01 - 08-OCT-01	Salmon Habitat Protection and Restoration	\$0.00	\$93,000.00	Southern Oregon Coastal

Project Description
The Horse Heaven Creek Instream Wood Placement Project proposes to place 250 pieces of large wood (avg 40' in length and 24" in diameter, 30% with rootwads attached) in 4 miles of Umpqua Basin cutthroat and Summer and Winter steelhead bearing stream. Wood would be place using a large heavy-lift helicopter in order to minimize riparian disturbance. Logs would be placed so as to mimic natural jams and wood accumulation within the stream channel.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-048	OWEB		Horse Intensive use Demo	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-01 - 04-FEB-02	Salmon Habitat Protection and Restoration	\$3,256.00	\$0.00	Southern Oregon Coastal

Project Description
This project builds off of a very successful public workshop. The project will develop a demonstration of water quality protection techniques associated with a grazing management strategy for small acreage horse pastures.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-141A	OWEB		Illinois Valley Riparian Tree Planting Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-SEP-01 - 12-JUN-03	Salmon Habitat Protection and Restoration	\$13,588.46	\$0.00	Southern Oregon Coastal

Project Description
Federal Funds NOAA portion of grant 201-141.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-602	OWEB		Instream Flow Enhancement - Upper Walla Walla River	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 31-OCT-04	Salmon Habitat Protection and Restoration	\$0.00	\$44,410.00	Middle Columbia

Project Description
By abandoning gravel push-up dams, converting from flood to sprinkler irrigation, and improving intake systems at their points of diversion, this project will increase streamflow, improve fish passage, and provide better management of diverted water.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-629	OWEB		Interagency-ODFW Fish Passage	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JAN-00 - 24-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$4,000,000.00	Oregon - Statewide

Project Description
Fish screening and passage project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-518	OWEB		Jampolski Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 02-MAY-02	Salmon Habitat Protection and Restoration	\$0.00	\$87,510.00	Willamette

Project Description
 Restore a 200 acre parcel of agricultural land north of Fern Ridge Lake, and dissected by Amazon Creek, to wetland habitat for wildlife. Excavate existing ponds, install water control structures, and grade, seed, and plant spoil areas.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-596	OWEB		John Day Rvr Irr Div Imprvmnts: Island & Beaver Dam Ditches	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 22-JAN-03	Salmon Habitat Protection and Restoration	\$3,436.60	\$0.00	John Day

Project Description
 Improve one water diversion and install two water measuring devices (a ramp flume and rectangular weir).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-544	OWEB		Johnson Creek Fish Passage Improvement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 26-AUG-02	Salmon Habitat Protection and Restoration	\$0.00	\$69,099.00	Willamette

Project Description
 Remove two dams that obstruct fish passage on Johnson Creek, and revegetate newly exposed streambanks with native trees and shrubs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-605	OWEB		Johnson Creek Watershed Enhancement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 04-APR-02	Salmon Habitat Protection and Restoration	\$0.00	\$4,680.00	John Day

Project Description
 Construct off-stream water source and fence riparian area to exclude livestock from section of Johnson Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-520	OWEB		Johnson Creek Watershed Revegetation Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$94,180.64	Willamette

Project Description
Revegetate a 50 ft. buffer along 6.5 mi of streambank on Johnson Creek and its major tributary, Kelly Creek, with native trees, shrubs and herbaceous plants. Revegetation should result in a 50% canopy closure within five years.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-164	OWEB		Jones Streambank Protection/Fish Habitat Improvement Lostine	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-FEB-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$9,425.00	Lower Snake

Project Description
Protecting eroding streambanks and improvement of fish passage conditions is the emphasis of this proposal. The work area is located approximately 1 mile south of the town of Lostine. The area of eroding streambank is on an outside curve of the Lostine River. The riparian area consists of alders and river birch vegetation 5 feet in width. The Lostine River Road is immediately adjacent to the riparian area. If the streambank erosion is left untreated, the bank supporting the alders and birches will be undercut and the trees will fall into the river. After the trees are eroded away the road bed will start to erode. The project will consist of installing 1 rock vortex weir and 2 rock barbs with root wads in the Lostine River. The weirs and barbs will direct flow away from streambank to the center of the river channel.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 98-352A	OWEB		Jordan Valley Vegetative Restoration Project	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	05-MAY-99 - 05-MAY-03	Salmon Habitat Protection and Restoration	\$35,750.00	\$0.00	Middle Snake-Boise

Project Description
Improved permanent grass stands vegetation will be established along 350 miles (820 acres) of ROW in southeastern Oregon.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-491	OWEB		Joyce River Bank Stabilization & Riparian Establishment Proj	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 05-SEP-03	Salmon Habitat Protection and Restoration	\$0.00	\$14,047.00	Southern Oregon Coastal

Project Description
 Reshape degrading streambank, redirect water flow with streambank barbs, construct fence to exclude livestock from riparian area, and develop off-channel watering system on stream in the South Umpqua sub-basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-601	OWEB		Ladd Creek (Middle Fork) Relocation and Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$85,414.00	Lower Snake

Project Description
 Restore approximately 4,800 feet of Ladd Creek to its historical meandering course and natural vegetation. Construct two bridges to improve fish habitat and movement. Transform gravel pit into wetland. Improve two irrigation diversions.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-100	OWEB		Land Acquisition West Eugene Wetlands	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	10-SEP-01 - 10-SEP-01	Salmon Habitat Protection and Restoration	\$0.00	\$900,000.00	Willamette

Project Description
 The West Eugene Wetlands Partnership proposes to acquire 317 acres of wetland and associated upland habitat in the West Eugene Wetlands to benefit improved water quality, provide natural flood control, protect priority declining habitats, and improve protection for seven federally listed Threatened and Endangered species and twenty-five additional candidate or sensitive species.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-135	OWEB		Land Acquisitions at Sycan, Upper Sycan and Klamath	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-DEC-01 - 14-FEB-02	Salmon Habitat Protection and Restoration	\$0.00	\$750,000.00	Klamath

Project Description

OWEB funds will be used to help acquire fee ownership of 2.845 acres of riparian, wet meadow and forest habitat that lies immediately adjacent to the existing 28,500 acre Sycan Marsh Preserve in south central Oregon. The purpose of the acquisition is to acquire ecologically significant lands that will provide additional protection to the Long Creek populations of threatened bull trout and redband trout. Acquisition and protection of these lands will also enhance the long-term viability of the existing 28,500 acre Sycan Marsh Preserve that supports populations of more than 16 at-risk vertebrate species as well as a number of rare freshwater mollusk species. Acquired lands will be managed by the Nature Conservancy to improve water quality, forest health and at-risk species habitat in the Sycan watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-451	OWEB		Leisure Lane Culvert Replcemnts for Fish Passage	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 27-AUG-03	Salmon Habitat Protection and Restoration	\$0.00	\$54,685.55	Northern Oregon Coastal

Project Description

Replace five failing culverts to make accessible 1.7 miles of fish habitat and prevent sedimentation and road failure on Baker Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-010	OWEB		Little N Fork Nehalem Habitat	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	02-APR-01 - 21-AUG-02	Salmon Habitat Protection and Restoration	\$0.00	\$20,427.36	Northern Oregon Coastal

Project Description

This project is a continuation of work that was begun in 1995 with the placement of 12 trees into stream channel and includes: placing large wood into the stream channel and into the floodplain; improving fish passage on tributaries and improving riparian conditions of the Little North Fork Nehalem River. The goal is to increase the diversity and complexity of summer and winter stream habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-507	OWEB		Little Rock Creek Instream Wood Placement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 08-SEP-00	Salmon Habitat Protection and Restoration	\$0.00	\$100,000.00	Southern Oregon Coastal

Project Description
Place 800 pieces of large wood (30% with rootwad attached) in nine miles of stream in the North Umpqua Basin, which contains cutthroat trout and summer and winter steelhead. A heavy-lift helicopter will be used to minimize riparian disturbance.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-506	OWEB		Little Tom Folley Road and Culvert	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 14-JUN-01	Salmon Habitat Protection and Restoration	\$0.00	\$22,572.00	Southern Oregon Coastal

Project Description
(1) Replace an undersized, failing culvert with a rail car bridge to restore natural conditions to Elk Creek and enhance fish passage. (2) Rock 1.2 miles of dirt road to reduce sedimentation. Funding recommended for first project only.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-082B	OWEB		Long Tom WS Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	09-MAR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$110,724.00	Willamette

Project Description
This project will: 1) continue and refine the council's water quality monitoring program; 2) implement a set of demonstration projects around the watershed to: a) restore a historic river segment on private land, b) widen an urban section of Amazon Creek and plant the riparian area; 3) enable the completion of plans for next round of projects; 4) initiate a process by which the Council ecologically prioritizes future restoration projects to build part of our Watershed Conservation Plan.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-137	OWEB		Lost Creek WS Restoration	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-MAR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$23,793.00	Deschutes

Project Description

The Nature Conservancy is in the early stages of implementing restoration in the Lost Creek Watershed. All components of the project are presented. However, at this time we only see funding for those components that have been fully assessed. Proposed projects include riparian fencing and stabilization (GC) and weed control (BWCF).

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-441	OWEB		Love and Swing Stream Enhancement Proj	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 15-SEP-00	Salmon Habitat Protection and Restoration	\$0.00	\$4,862.00	Northern Oregon Coastal

Project Description

Place 45 logs instream and thin thirteen riparian areas to provide cover and increase habitat complexity for juvenile salmonids on Wilkinson Creek.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-175	OWEB		Luther Constructed Wetland	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	03-MAR-01 - 14-JAN-04	Salmon Habitat Protection and Restoration	\$0.00	\$87,293.00	Middle Snake-Boise

Project Description

This project consists of a constructed wetland to filter Warm Springs Irrigation District drain-water before it reaches the Malheur River. This wetland will function to decompose residual chemical runoff of pesticides and herbicides and reduce nitrogen/phosphorous transport from fertilizers, and bacteria/heavy metal effluent from animal waste entering the Malheur River. Vegetation plantings will provide the filtering operation, and the wetland will be used as a water purification demonstration site.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-589	OWEB		Maag/Vale OR Irrigation Dist Pipeline Proj & Coll Ponds	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 25-FEB-02	Salmon Habitat Protection and Restoration	\$0.00	\$101,470.00	Middle Snake-Powder

Project Description

Convert irrigation diversion ditches below livestock feedlot to buried pipelines, and construct two large collection ponds to protect water quality of Willow Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-186	OWEB		Marchek & Son Inc. Drainage System	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	21-AUG-01 - 01-OCT-02	Salmon Habitat Protection and Restoration	\$0.00	\$35,001.00	Middle Snake-Boise

Project Description
 Producer has two springs which flow 691 gpm (1.53 cfs) through his 6.1 acres feedlot via an open drain. Producer wants to cover the open drain and pipe the spring water through 1735 feet of drainage pipe. Capturing and piping the spring water in the feedlot will prevent organic waste from his 230 beef cows from mixing with the spring water which eventually reaches the Malheur River. The spring water travels through 4335 feet of open drain and than mixes with the Malheur River.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-109	OWEB		Marx Wetland & Wet Prairie Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	12-MAR-01 - 21-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$63,903.74	Willamette

Project Description
 This project proposes to restore 52 acres of grass field to wet prairie and shallow marsh habitat. The project is in the near vicinity of the Baskett Slough National Wildlife Refuge.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-174	OWEB		McElroy Pipeline Rehab Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	03-MAR-01 - 27-NOV-02	Salmon Habitat Protection and Restoration	\$0.00	\$38,418.00	Middle Snake-Boise

Project Description
 This project consists of a pipeline to route irrigation runoff below a feedlot to a main canal, that eventually empties into Willow Creek. Additional work of grading and creating a drainage way and berms to contain and route feedlot effluent into a corn field is planned. This project will eliminate feedlot effluent from entering the drain canal and Willow Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-432	OWEB		McGlynn and Crooked Creek Habitat Rest Proj	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 26-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$1,815.80	Northern Oregon Coastal

Project Description
Repair three rock weirs to aid juvenile fish passage through a culvert on Crooked Creek. Place ten large woody debris structures at the confluence of McGlynn and Crooked Creeks. Plant riparian vegetation.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-563	OWEB		McKay Creek Siphons	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 18-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$24,597.90	Deschutes

Project Description
Install enclosed pipes under McKay Creek streambed to convey irrigation water between irrigation ditches adjoining the creek, which contains redband trout. This will prevent creek dewatering and pollution when canals are chemically treated.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-189	OWEB		Middle Burnt River CRMP Early Action Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	02-APR-01 - 16-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$13,000.00	Middle Snake-Powder

Project Description
This project implements specific projects on private and public land identified in the Middle Burnt River Coordinated Resource Management Plan. The Middle Burnt River CRMP was developed by a local planning group of resource owners, managers and users to consider alternatives and formulate plans. The OWEB funds will be utilize to implement two juniper riprap projects, two fencing projects, one juniper control project and one meteorological data support project. The plan and this request for funds is the community's effort to identify natural resource issues, in the Burnt River Valley and implement their proposed solutions.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-070	OWEB		Middle Rogue Forest Health Initiative	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	13-FEB-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$68,708.00	Southern Oregon Coastal

Project Description

The Middle Rogue Forest Health Initiative will foster forest stewardship by providing private landowners with information on forestry management and practices to improve forest health to provide sustainable forest resources. Management practices will include: reforestation, density management (thinning), fuels reduction, removal of undesirable vegetation, erosion control, riparian planting, and implement forest stewardship plans. Project evaluation and monitoring will conducted over a 5 year period by Oregon Dept. of Forestry, Josephine SWCD and Middle Rogue Watershed Association.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-578	OWEB		Milk / Catherine Cr. Channel Meander-Fish Passage Estblshmnt	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 02-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$76,200.00	Lower Snake

Project Description

Construct new stream channel for Milk Creek to closely approximate the current and historical characteristics of the natural channel, and relocate current stream to new channel. Install fish-friendly culvert.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-562	OWEB		Mill and Allen Creeks Stream Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 27-AUG-01	Salmon Habitat Protection and Restoration	\$0.00	\$14,500.00	Deschutes

Project Description

Place rock, large juniper trees, and large logs in riparian areas, along streambanks, and instream on Allen and Mill Creeks to stabilize eroding banks, enhance riparian areas, and create fish habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-138	OWEB		Moiser Valley Soil Water Monitoring Demo	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-FEB-01 - 22-AUG-01	Salmon Habitat Protection and Restoration	\$0.00	\$3,349.00	Deschutes

Project Description
Soil moisture monitors will be installed and utilized on several orchard blocks in the Mosier Valley. A series of workshops will demonstrate their installation, use, resulting water savings and improved tree growth and yield. Following the demonstration project, sign-ups will be taken for a program to install these meters for other growers throughout the valley. The project will reduce irrigation demands from Mosier Creek and its aquifer, while simultaneously improving tree growth and yields for the cooperators.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-584	OWEB		Montgomery Sediment Ponds-Implementation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 16-DEC-02	Salmon Habitat Protection and Restoration	\$0.00	\$10,430.00	Oregon Closed Basins

Project Description
Construct two settling ponds to trap and filter sediment and livestock waste from crop and pasture land and prevent them from entering the Malheur River.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-606	OWEB		Mountain Creek Riparian Planting Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Salmon Habitat Protection and Restoration	\$1,910.00	\$0.00	John Day

Project Description
Plant native trees and shrubs on a reach of Mountain Creek that has been fenced since 1990.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-009	OWEB		Nehalem WS Health Equals Riparian Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-MAR-01 - 31-AUG-03	Salmon Habitat Protection and Restoration	\$0.00	\$51,480.00	Northern Oregon Coastal

Project Description
The Upper Nehalem Watershed Council is proposing to continue restoration and monitoring activities in the Nehalem Watershed. Funds will be used for costs of labor and to purchase tools, equipment and supplies needed to continue ecosystem work force project development activities. Project activities include installation of : riparian fencing, off-channel livestock watering stations, riparian forest plantings and erosion control systems.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-013	OWEB		NF Alsea Fish Ladder Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-AUG-01 - 11-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$140,444.00	Northern Oregon Coastal

Project Description
This is a cooperative project between the Mid-Coast Watershed Council and Oregon Department of Fish & Wildlife to rebuild and operate the now defunct fish ladder on a diversion dam on the North Fork Alsea River.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-017	OWEB		NF Wolf Creek Fish Habitat Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-MAR-01 - 25-NOV-02	Salmon Habitat Protection and Restoration	\$0.00	\$8,750.00	Northern Oregon Coastal

Project Description
This project will place whole uprooted trees in the lower reach of the North Fork of Wolf Creek a major tributary of the upper Nehalem River. This wood will be wedged into riparian trees or placed so that a portion of the trunk extends into the flood plain to stabilize it.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-245	OWEB		North Fork Daly Creek Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	21-JUN-01 - 27-MAR-02	Salmon Habitat Protection and Restoration	\$197.00	\$44,711.80	Middle Snake-Powder

Project Description
 This project will be a comprehensive effort to improve the overall health of nearly 5 miles of fish bearing stream (including headwaters) and surrounding 3700 acre watershed. Seven partnering entities will work in concert to accomplish 7 project phases over the next two years, including: 1) fish barrier removal, 2) in-stream large wood placement 3) riparian fencing, 4) road improvement & relocation, 5) spring development, 6) tree & shrub planting, and 7) critical area seeding.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-424	OWEB		North Fork Siuslaw Road Relocation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 23-OCT-02	Salmon Habitat Protection and Restoration	\$68,912.00	\$0.00	Northern Oregon Coastal

Project Description
 Relocate road directly adjacent to salmonid spawning location on the North Fork Siuslaw River. Restore riparian area by replanting. Enhance habitat by the placement of large wood structures.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-015	OWEB		Nye/Fall Creek Habitat Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-MAR-01 - 21-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$14,027.46	Northern Oregon Coastal

Project Description
 This project proposes to return Nye Creek to its historic channel by breaching two dikes at an existing settling/farm pond and improve the riparian area for 1 mile of Fall Creek. The riparian area will be planted .

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-504	OWEB		Oldham Creek - Stephens	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 13-NOV-02	Salmon Habitat Protection and Restoration	\$0.00	\$11,663.00	Southern Oregon Coastal

Project Description
 Fence 1.5 miles of Calpooya Creek to exclude livestock, plant 4.5 acres of trees in the riparian area, install five off-channel watering sites for livestock, and construct two hardened livestock stream crossings.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-906	OWEB		Oregon Dept of Agriculture Small Grant Program 1999-01	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	- 30-JUN-01	Salmon Habitat Protection and Restoration	\$0.00	\$225,000.00	Oregon - Statewide

Project Description
 Oregon Dept of Agriculture small grant program

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-905	OWEB		OWEB CREP Program 1999-01	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	- 30-JUN-01	Salmon Habitat Protection and Restoration	\$0.00	\$300,000.00	Oregon - Statewide

Project Description
 OWEB CREP Program 1999-01

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-103	OWEB		Owens Farm/Jackson & Fraizer Creeks Acquisition	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	11-FEB-02 - 08-MAR-02	Salmon Habitat Protection and Restoration	\$0.00	\$125,000.00	Willamette

Project Description
 We are requesting funding to assist with acquisition of approximately 80 acres of land in Jackson and Frazier Creeks watershed. This land contains 25 acres of high quality wetlands and riparian areas, 25 acres of converted wetlands and 30 acres of oak woodland uplands. This site would be an addition to Jackson Frazier Wetlands complex owned by Benton County.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-607	OWEB		Parrish Creek Riparian Pasture Phase 2	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 08-DEC-03	Salmon Habitat Protection and Restoration	\$0.00	\$11,725.00	John Day

Project Description
 Construct an off-channel water station for use by livestock and wildlife as an alternative to Parrish Creek. Fence two miles of the riparian area.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-206	OWEB		Periwinkle Creek Fish Passage Improvement and Culvert Remova	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUN-01 - 31-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$60,000.00	Willamette

Project Description
 This project will increase access to fish habitat in lower Periwinkle Creek, which has relatively high quality in-stream and riparian habitat in urban Albany. Fish passage for juvenile anadromous salmonids will be improved at two barriers, based on design criteria for ODFW. A third component of the project involves removing a failing culvert, dead-ending the overlying street, and re-establishing natural stream and riparian conditions and functions. The project will include monitoring and maintenance.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062F	OWEB		Phase 1 - Bieberstedt	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-OCT-01 - 26-DEC-03	Salmon Habitat Protection and Restoration	\$0.00	\$20,500.00	Southern Oregon Coastal

Project Description
 This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062I	OWEB		Phase 1 - Elliot	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$10,500.00	Southern Oregon Coastal

Project Description

This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062E	OWEB		Phase 1 - Hanley South	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-OCT-01 - 25-AUG-03	Salmon Habitat Protection and Restoration	\$0.00	\$76,937.00	Southern Oregon Coastal

Project Description

This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062J	OWEB		Phase 1 - Houck Gorge	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-NOV-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$103,000.00	Southern Oregon Coastal

Project Description

This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062C	OWEB		Phase 1 - IPOD/White/Lewis/Redlands Ditch	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-NOV-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$131,110.00	Southern Oregon Coastal

Project Description

This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062G	OWEB		Phase 1 - Little Butte Mill Dam	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$52,500.00	Southern Oregon Coastal

Project Description

This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062D	OWEB		Phase 1 - Lower Alphonso	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$2,500.00	Southern Oregon Coastal

Project Description

This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062M	OWEB		Phase 1 - Lower Rogue	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-OCT-01 - 05-DEC-03	Salmon Habitat Protection and Restoration	\$0.00	\$68,000.00	Southern Oregon Coastal

Project Description

This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062K	OWEB		Phase 1 - Morey Fish Passage	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-NOV-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$103,000.00	Southern Oregon Coastal

Project Description

This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062H	OWEB		Phase 1 - Moser Ditch	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$10,500.00	Southern Oregon Coastal

Project Description

This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062L	OWEB		Phase 1 - Smiths Culvert	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$21,000.00	Southern Oregon Coastal

Project Description

This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062A	OWEB		Phase 1 - Technical Support (200-062)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-FEB-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$369,890.00	Southern Oregon Coastal

Project Description

Phase 2, Summary in 200-062.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-062B	OWEB		Phase 1 - Webb Ditch	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	30-JAN-01 - 13-OCT-01	Salmon Habitat Protection and Restoration	\$0.00	\$20,000.00	Southern Oregon Coastal

Project Description

This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-437	OWEB		Podmore / Leavitt Stream Enhncmnt SF Alsea	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 01-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$3,116.50	Northern Oregon Coastal

Project Description
 Improve riparian condition and create complex aquatic habitat for juvenile salmonids in Swamp and Record Creeks in the Alsea River Basin. Fence sections of stream with 20 ft riparian buffers. Plant mixed conifers. Install multiple log structures.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-579A	OWEB		Poison Creek and Malheur Slough GPA	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 01-APR-03	Salmon Habitat Protection and Restoration	\$5,859.42	\$0.00	Oregon Closed Basins

Project Description
 Assess the current condition of historic slough channels on the basin floor of the watershed. Develop analysis of best alternative to restore flow to natural channels.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-579	OWEB		Poison Creek and Malheur Slough GPA	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 01-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$53,550.00	Oregon Closed Basins

Project Description
 Assess the current condition of historic slough channels on the basin floor of the watershed. Develop analysis of best alternative to restore flow to natural channels.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-573	OWEB		Price / Brush Creek Streambank Restoration - Phase II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	03-APR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$11,610.00	Lower Snake

Project Description
 Fence Brush Creek (in the headwaters of Upper Ladd Creek) to prevent livestock and elk watering. Install water gaps. Plant native vegetation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 98-096A	OWEB		Private Options for Conservation Easements in the Mid-Coast	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	10-JUN-98 - 07-JUL-03	Salmon Habitat Protection and Restoration	\$33,000.00	\$0.00	Northern Oregon Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-592	OWEB		Rail Canyon Road Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 28-JUN-01	Salmon Habitat Protection and Restoration	\$0.00	\$44,540.00	Lower Snake

Project Description

Improve steep road to reduce delivery of sediment into the Willowa River at its confluence with Whiskey Creek. This portion of the Willowa River contains juvenile salmon and listed bull trout. Listed steelhead use Whiskey Creek for spawning.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-062N	OWEB		Redlands Ditch	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	28-MAY-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$10,000.00	Southern Oregon Coastal

Project Description

This project seeks to improve anadromous fish passage at artificial barriers identified in the Prioritized Fish Passage Barrier List and Strategic Plan for the Rogue Basin. See attachments 1 and 2. Projects cited have been recommended by the Rogue Basin Fish Access Team (RBFAT) and accepted by the voting members of the Rogue Basin Coordinating Council (RBCC) or have been requested by watershed councils needing technical and/or financial help on specific fish passage barriers.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-474B	OWEB		Reese Crk Push-up Dam Removal	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	03-MAR-02 - 11-AUG-03	Salmon Habitat Protection and Restoration	\$0.00	\$36,877.00	Southern Oregon Coastal

Project Description

Remove push-up dam on Reese Creek near its confluence with the Rogue River to improve passage for coho and summer steelhead.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-426	OWEB		Reflection Creek - Fish Passage Imprvmnt	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 09-MAR-01	Salmon Habitat Protection and Restoration	\$6,915.59	\$0.00	Northern Oregon Coastal

Project Description
 Replace a culvert on Reflection Creek which hinders both adult and juvenile salmonid passage. Replacement will also reduce erosion and prevent flooding of the road.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-453A	OWEB		Riparian & In-Stream Rest Proj - Glascock	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 02-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$45,938.81	Northern Oregon Coastal

Project Description
 Restoration activities at five sites in the Yaquina River and Siletz River basins. Restoration activities include fencing, planting, off-channel watering, bio-engineering streambanks, creating in-stream habitat structures, and culvert replacement.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-453B	OWEB		Riparian & In-Stream Rest Proj -Hensler	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 06-JUN-03	Salmon Habitat Protection and Restoration	\$0.00	\$15,707.13	Northern Oregon Coastal

Project Description
 Summary in 99-453A, Different Landowner.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-603B	OWEB		Riparian Habitat Improve Ed/Demo	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$22,500.00	Lower Snake

Project Description
 Eight watershed restoration projects are proposed: three road crossing improvements, two road improvement projects, and two riparian planting projects. Only the two riparian planting projects are recommended for funding.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-423	OWEB		Riparian Landowner Restoration Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 22-MAY-02	Salmon Habitat Protection and Restoration	\$19,506.00	\$0.00	Northern Oregon Coastal

Project Description
 Enable the planting of 7,000 trees per year in the Siuslaw Basin for two years. Funds will allow the purchase of trees, and production of an informational pamphlet on riparian management, and conducting workshops on tree planting for landowners.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-603A	OWEB		Riparian Plant Survival Enhance	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$17,377.00	Middle Columbia

Project Description
 Eight watershed restoration projects are proposed: three road crossing improvements, two road improvement projects, and two riparian planting projects. Only the two riparian planting projects are recommended for funding.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-577	OWEB		Rock Creek off stream water development	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$17,955.00	Lower Snake

Project Description
 Develop 2 offstream water sources and improve 2 existing sources to prevent livestock and elk watering on Rock Creek, Little Rock Creek, Sheep Creek, and Graves Creek.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-554	OWEB		Rogers Ranch	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 06-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$22,220.00	Oregon Closed Basins

Project Description
 Stabilize severely eroding streambank on Deep Creek by installing J-hook veins, juniper riprap, fences, and water gaps. Plant native vegetation. Implement a grazing management plan.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-170	OWEB		Rudio Creek Streamflow Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	30-MAR-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$53,290.00	John Day

Project Description
 The lower portions of Rudio Creek are privately owned by two irrigators--Rudio Ranch and Campbell Livestock Company: both landowners have expressed an interest in enhancing streamflows by reorganizing their irrigation systems. This grant proposal seeks funding for the purchase and installation of a pipeline and water measuring device.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-449	OWEB		Sand Lake Estuary Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	09-JUL-01 -	Salmon Habitat Protection and Restoration	\$70,006.00	\$0.00	Northern Oregon Coastal

Project Description
 Replace a 36 inch tidegate with two 6 x 8 ft. squash pipes, to enable tidal exchange to restore the physical character of a tidal marsh. Maintain existing dike and road access to the beach.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-107	OWEB		Sandy River WS Riparian	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-MAR-01 - 24-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$28,708.60	Willamette

Project Description
 This project is the second year of a Sandy River watershed-wide, integrated restoration, outreach/education and youth leadership program. Although on-the-ground habitat restoration via removal of the highly invasive and system modifying weed, Japanese knotweed is the central focus, the project is design to simultaneously increase community knowledge of watershed issues and citizen (especially youth) participation in the solution.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-431	OWEB		School Fork Habitat Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 03-JUL-01	Salmon Habitat Protection and Restoration	\$0.00	\$7,807.67	Northern Oregon Coastal

Project Description
Fence the banks of School Fork creek at its confluence with the Yachats River to exclude livestock. Plant native vegetation in a 50 ft riparian buffer. Construct off channel watering structures.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-247	OWEB		School Fork Road Crossing Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	09-AUG-01 - 23-JAN-02	Salmon Habitat Protection and Restoration	\$0.00	\$115,170.00	Northern Oregon Coastal

Project Description
Remove fish passage/stream function problem crossing at School Fork Creek and replace with a bridge. The 2000 acre watershed above this crossing contains over 2 miles of high quality Coho spawning and rearing habitat. Other options at this site have been assessed and a bridge is the correct solution for this crossing. This project is put forth in partnership between Lincoln SWCD, ODFW, MidCoast Watersheds, USFS, National Audubon Society, and Lincoln County Public Works.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-528	OWEB		SE Foster Road: SE 162nd Ave to SE Jenne Rd	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 19-DEC-02	Salmon Habitat Protection and Restoration	\$0.00	\$200,000.00	Willamette

Project Description
Replace a box culvert in Kelley Creek under SE Foster Rd. at SE 162nd Ave. with an open bottom arch culvert, realign both roadways to minimize the impact to riparian habitat, and reduce the jump heights over two rock dams below the culvert.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-279	OWEB		Siuslaw Fish Passage Improvement Project/Plan III Planning	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	22-MAR-02 -	Salmon Habitat Protection and Restoration	\$29,700.00	\$0.00	Northern Oregon Coastal

Project Description
This project would fund the planning and project management costs associated with the replacement of six culverts in the Siuslaw River watershed that are currently barriers to fish passage.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-021	OWEB		Skipanon River Dam Retrofit	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-MAR-01 - 09-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$11,722.00	Lower Columbia

Project Description
This project seeks to modify the tide gate/dam structure at 8th Street in Warrenton to improve fish passage, estuarine habitat and water quality on the Skipanon River in Clatsop County. The request is asking for additional funds to finish the project awarded previously.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-502	OWEB		Smith Creek Culvert Replacement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 09-APR-01	Salmon Habitat Protection and Restoration	\$0.00	\$14,137.00	Southern Oregon Coastal

Project Description
Replace failing culvert with half-round pipe to allow fish passage and prevent heavy sedimentation due to road failure.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-194	OWEB		Smith Creek Stream Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	21-FEB-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$13,030.00	Lower Snake

Project Description

This project would put Smith Creek which has been channelized back into a meander, remove the channel from going through a winter feeding area for livestock. Put in a trough for other stream watering. Install a haedgate and measuring diversion point. Construct a silt basin to catch run off from a tile drain and allow sediment to settle before running into Smith Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-588	OWEB		South Board of Control Pipeline Project 0523	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 27-NOV-02	Salmon Habitat Protection and Restoration	\$0.00	\$179,707.00	Middle Snake-Boise

Project Description

Convert 868 acres of flood-irrigated land to sprinkler/drip irrigation. This project will reduce sediment, reduce the flow of nitrates, phosphorous fertilizers, and animal waste, and improve water quantity and flow in the Snake River.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-488	OWEB		South Coast Salmonid Hab Rest Proj Phase IV	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 30-NOV-03	Salmon Habitat Protection and Restoration	\$0.00	\$85,470.00	Southern Oregon Coastal

Project Description

Replace and add culverts, build a bridge, place large wood in streams, and plant conifers to enhance salmon habitat in South Coast watersheds, including Beaver Creek, Rock Creek, Boulder Creek, Saunders Creek, and Jack Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-110	OWEB		South Pasture/BPA Parcel Floodplain Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	05-JAN-01 - 29-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$70,150.00	Willamette

Project Description
 FBP and its project cooperators will plant and additional 3,500 trees and shrubs to continue floodplain reforestation, continue exotic species control and habitat enhancement efforts on the 200-acre "South Pasture" and 44-acre "BPA parcel" in 2001, complete floodplain restoration/grading plans, prepare related permit applications, and expand native plant nursery production.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-114	OWEB		South Yamhill Road Stream Crossing Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	30-MAY-01 - 10-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$72,448.40	Willamette

Project Description
 The project will replace or remove seven culverts at stream-road crossings to improve fish passage and water quality.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-443	OWEB		Spears Riparian and Aquatic Rest. - SF Alsea	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 18-APR-01	Salmon Habitat Protection and Restoration	\$0.00	\$8,892.00	Northern Oregon Coastal

Project Description
 Riparian fencing, riparian plantings, bio-engineered stream bank stabilizations, placement of edge-oriented log structures, and excavation of three alcoves to restore habitat in a high priority spawning area.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-195	OWEB		Spring Pond Development	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	12-FEB-01 - 27-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$21,320.00	Lower Snake

Project Description
 The Union Soil and Water Conservation District proposes to develop 12 spring sites for livestock water on five ownership's. Spring development will consist of fencing the spring and fish and wildlife habitat by reducing riparian area grazing impacts.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-454A	OWEB		Steere Creek Extension	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	03-MAR-03 - 06-JAN-04	Salmon Habitat Protection and Restoration	\$0.00	\$6,600.00	Northern Oregon Coastal

Project Description
 In the Steere Creek area, an open-range grazing area that has been overgrazed and degraded, fence riparian areas, construct off-channel watering stations, plant riparian areas, and monitor temperature of water.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-454	OWEB		Steere Creek Riparian Restoration Demo Proj	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 13-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$11,710.14	Northern Oregon Coastal

Project Description
 In the Steere Creek area, an open-range grazing area that has been overgrazed and degraded, fence riparian areas, construct off-channel watering stations, plant riparian areas, and monitor temperature of water.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-564	OWEB		Tenmile Creek Riparian Fencing/Offsite Watering Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 18-JAN-01	Salmon Habitat Protection and Restoration	\$0.00	\$39,775.00	Deschutes

Project Description
 Construct 4.5 miles of fencing around grazing pasture, drill a well onsite to provide livestock water, and install cross fencing as part of a grazing management plan.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 98-374A	OWEB		Tillamook SWCD Small-Scale Manure Storage Faciliti Cost-Shar	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	10-JUN-99 - 11-APR-03	Salmon Habitat Protection and Restoration	\$445.02	\$0.00	Northern Oregon Coastal

Project Description
 Provide on-the-ground technical and financial assistance for landowners of small livestock operations who wish to improve manure management practices.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-176	OWEB		Toelle Juniper Abatement	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	02-FEB-01 - 12-JUN-01	Salmon Habitat Protection and Restoration	\$0.00	\$26,600.00	Oregon Closed Basins

Project Description
 This project will cut juniper on 760 acres to reduce moisture competition where juniper have invaded into a grass/shrub/pine range. The juniper will be piled for a future burn. Objectives are to restore the area to a more diverse habitat of native plant vegetation improved watershed stability, decrease erosion, improve vegetative cover, and reduce the amount of exposed soil. Removal of juniper will also improve the understory bitterbrush stands in an area of critical mule deer winter habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-582	OWEB		Trout Creek Sediment Reduction & Road Rehabilitation	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 11-SEP-01	Salmon Habitat Protection and Restoration	\$0.00	\$23,790.00	Lower Snake

Project Description
 Improve road near Trout Creek (Wallowa River Watershed) to reduce erosion and sedimentation in creek containing ESA-listed steelhead and rainbow trout.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-152	OWEB		Tumalo Water Conservation Project Group	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-FEB-01 - 06-MAY-02	Salmon Habitat Protection and Restoration	\$0.00	\$200,000.00	Deschutes

Project Description

The Tumalo Water Conservation project Group proposes to pipe open stretches of the Bend Feed Canal within the Tumalo Irrigation District. The four phase project will conserve approximately 20 cfs of water currently lost to percolation and evaporation. The conserved water will transfer to instream water rights within Tumalo Creek, 5.8 cfs of senior water rights and 11.8 cfs of junior water rights. This water will establish rights in Tumalo Creek where there has previously been none, permanently rewetting about 11 miles of channel and improving aquatic habitat in Tumalo Creek. In addition to improving aquatic habitat, these flows will also help improve the water quality of the Middle Deschutes River.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-060	OWEB		Umpqua Basin Riparian Fencing/ Planting Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-JUN-01 - 30-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$16,921.00	Southern Oregon Coastal

Project Description

The local ODFW office obtained funding from the Restoration & Enhancement Program on three different occasions during the past several years. With these funds, Landowners have completed over 30 miles of riparian fence-line. This has worked very well, but there are many more riparian areas that need to be addressed by the installation of riparian fencing to exclude livestock and by planting native vegetation. Also, 15-year maintenance agreements will be set up with landowners to help ensure project success.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-016	OWEB		Upper Deadwood Creek Fishery Habitat Enhancement	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	13-JUN-01 - 11-DEC-02	Salmon Habitat Protection and Restoration	\$0.00	\$182,000.00	Willamette

Project Description

This project would place approximately 300 mature conifer trees in the headwaters of Deadwood Creek to enhance anadromous fish habitat. The project would treat 12 miles of creek on both private (5 miles) and public lands (7 miles).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-565	OWEB		Upper Deschutes Watershed Stream Bank Stabilization	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 22-JUN-01	Salmon Habitat Protection and Restoration	\$0.00	\$17,667.00	Deschutes

Project Description
 Plant 750 seedlings/root cuttings of willow and lodgepole and ponderosa pine per mile of stream to restore riparian areas on the Deschutes River, Paulina Creek, and Browns Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-069	OWEB		Upper Smith Salmon Restoration, Phase 2	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	18-JUL-01 - 20-JAN-03	Salmon Habitat Protection and Restoration	\$0.00	\$441,835.19	Southern Oregon Coastal

Project Description
 Upper Smith Salmon Restoration, Phase 2 Strategic, Collaborative Restoration with a multi-faceted and multi-year design. Major Components: Fish Passage/High Risk Culvert Replacements; Road Treatments and Decommissioning to reduce risk; Instream Structures; fell, pull, or place large trees instream, combination LWD/Boulder Placement; Riparian pasture conversion to conifer; ODFW stream habitat surveys to monitor progress at the sub-watershed scale; Monitor 25 Selected sites; and Macroinvertebrate sample.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-559	OWEB		Upper Sycan Watershed Water Quality Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	02-MAR-01 - 30-DEC-03	Salmon Habitat Protection and Restoration	\$0.00	\$278,355.00	Klamath

Project Description
 Thin 4,600 acres of over-stocked forest with Bobcat equipment and fill 2.5 miles of drainage ditch to restore marsh ecosystem.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-171	OWEB		UpperJohn Day Irrigation Diversion Improvements: 2001	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	09-FEB-01 - 31-DEC-03	Salmon Habitat Protection and Restoration	\$0.00	\$143,164.00	John Day

Project Description

The Grant Soil and Water Conservation District (SWCD) is proposing projects during the Summer 2001 work season to replace twelve gravel push-up diversion dams with fish friendly alternatives, capture excess flood irrigation waters and install 4 miles of riparian fencing. Funding is solicited from OWEB to support changes on three proposed projects and the monitoring program, hire two part-time engineers and a summer engineering student to provide technical assistance to design and implement these projects.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-105	OWEB		Wainwright Native Grasslands Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-APR-01 - 05-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$33,251.16	Willamette

Project Description

Wainwright restoration will return 123 acres of agricultural land back to a mosaic of native wet prairie and upland grasslands. Construct a shallow pond to increase biotic and landscape diversity. Plant a mix of native wet prairie and upland grasses for wildlife habitat improvement. Establish intensive pre and post restoration monitoring of avian and vegetation conditions.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-188	OWEB		Walla Walla IDWC	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-FEB-01 - 16-SEP-03	Salmon Habitat Protection and Restoration	\$0.00	\$290,482.00	Middle Columbia

Project Description

This project seeks a cost share funding for flood to sprinkler conversion, water efficiencies, water measuring devices, and piping 3 miles of an irrigation ditch that serves over 40 users that loses 3.9 cfs through leakage and evaporation. All activities will require saved water going back in stream through the Oregon Conserved Water Program. A gain of about 3-5 cfs is anticipated and will help restore summer flows for 2 1/2 miles of habitat used by ESA listed steelhead and bull trout.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-608	OWEB		West Branch Creek Riparian Corridor Fencing Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 04-APR-02	Salmon Habitat Protection and Restoration	\$0.00	\$8,540.00	John Day

Project Description
 Construct fence on approximately 1.75 mi. of Bridge Creek to exclude livestock from riparian area. Construct water gap.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-166	OWEB		West Branch Juniper Control Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$8,995.00	John Day

Project Description
 This project will consist of removing 49 acres of juniper trees and reseeding the controlled area to perennial grass. The junipers will be removed on upland property that drains into West Branch of Bridge Creek. The property is owned by Mike Carrol and is near the town of Mitchell, Oregon. The west branch of Bridge Creek provides spawning and rearing habitat for the ESA listed John Day River Summer Steelhead.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-165	OWEB		West Branch WS Improvement Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-APR-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$6,840.00	John Day

Project Description
 This project will consist of 8 acres of juniper control and grass seeding. 11 acres of sagebrush control and grass seeding, 3300 feet of cross fencing, and 300 feet of riparian corridor fencing on Judy Anderson's property. The property is on West Branch of Bridge Creek near Mitchell Oregon in Wheeler County. West Branch Bridge Creek provides spawning and rearing habitat for ESA listed John Day River Summer Steelhead.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-446	OWEB		Whalen Island Purchase	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-JUL-00 -	Salmon Habitat Protection and Restoration	\$0.00	\$917,500.00	Northern Oregon Coastal

Project Description
Acquire 179.9 acres of prime tidal marsh, forested wetlands, wooded uplands, and estuarine habitat on Whalen Island in the Sand Lake Estuary.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-115A	OWEB		Willamette Floodplain Restoration Project Phase I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	09-MAR-01 - 02-MAY-02	Salmon Habitat Protection and Restoration	\$0.00	\$28,898.80	Willamette

Project Description
This is a demonstration project to restore floodplain function, riparian forest buffer, and fish and wildlife habitat on the mainstem Willamette from Harrisburg to Corvallis. The demonstration project will install restoration projects on 4 farms utilizing vegetative practices, log jams, and dike lowering to expand the floodplain. This project will serve as an educational process to get farmers involved in future restoration projects on the Willamette.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-115B	OWEB		Willamette Floodplain Restoration Project Phase II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	09-MAR-01 - 25-JUL-03	Salmon Habitat Protection and Restoration	\$0.00	\$344,953.04	Willamette

Project Description
This is a demonstration project to restore floodplain function, riparian forest buffer, and fish and wildlife habitat on the mainstem Willamette from Harrisburg to Corvallis. The demonstration project will install restoration projects on 4 farms utilizing vegetative practices, log jams, and dike lowering to expand the floodplain. This project will serve as an educational process to get farmers involved in future restoration projects on the Willamette.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-104	OWEB		Willamette River Gallery Forest Protection Acquisition	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-01 - 21-AUG-01	Salmon Habitat Protection and Restoration	\$0.00	\$381,825.00	Willamette

Project Description
 The OWEB grant would allow for the acquisition of 236 acres on the Willamette River. Just upstream from its confluence with the Luckiamute River.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-014	OWEB		Wolf Creek Stream Habitat Improvement Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	16-APR-01 - 07-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$9,218.00	Northern Oregon Coastal

Project Description
 The project proposes to add large and small woody debris at 18 sites on Oregon Department of Forestry ownership in the Wolf Creek Basin. Large wood configurations will attempt to simulate natural debris jams and will be located in areas where wood typically accumulates.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-493	OWEB		Wood Creek Culvert Replacement & Habitat Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 27-JUN-01	Salmon Habitat Protection and Restoration	\$0.00	\$13,398.53	Southern Oregon Coastal

Project Description
 Replace undersized, impassable culvert to open three miles of habitat to coho, steelhead and cutthroat in Wood Creek in the Windy Creek sub-basin. Place 154 large pieces of wood in 28 sites within the creek to improve winter and summer habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-533	OWEB		Yamhill County Roadside Area Management Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 01-JUL-02	Salmon Habitat Protection and Restoration	\$0.00	\$33,457.00	Willamette

Project Description
 Establish permanent grass vegetation along 34 miles of Yamhill County roads to prevent soil erosion and filter runoff, which may contain heavy metals, salts, and hydrocarbons, from roadways and adjacent lands.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-452	OWEB		Yaquina Estuarine Wetland Rest.: Sites Y3, Y4, Y27	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 05-OCT-02	Salmon Habitat Protection and Restoration	\$0.00	\$70,156.00	Northern Oregon Coastal

Project Description
Restore tidal flow and salmonid habitat function at three diked, formerly tidal wetland sites by the removal of man-made alterations such as dikes and ditches. Monitor results at these three sites, as well as two unaltered control sites.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-008	OWEB		Applegate River WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$26,859.51	Southern Oregon Coastal

Project Description
2003-05 Council Support for Applegate River, Williams Cr WSCs

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-009	OWEB		Bear Cr WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Southern Oregon Coastal

Project Description
2003-05 Council Support for Bear Cr WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-022	OWEB		Calapooia WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$18,292.68	Willamette

Project Description
2003-05 Council Support for Calapooia WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-001	OWEB		Clatsop Coordinating Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$28,048.78	Northern Oregon Coastal

Project Description
2003-05 Council Support for Ecola Cr, Necanicum, Nicolai-Wickiup, Skipanon, Youngs Bay WSCs

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-010	OWEB		Coos WS Assoc Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$20,731.71	Southern Oregon Coastal

Project Description
2003-05 Council Support for Coos WS Association

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-011	OWEB		Coquille WS Assoc Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$21,237.81	Southern Oregon Coastal

Project Description
2003-05 Council Support for Coquille WS Association

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-041	OWEB		Crooked River WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$20,731.71	Deschutes

Project Description
2003-05 Council Support for Crooked River WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
ODF002	OWEB	ODF	Forest Assessment Project - Information Analysis	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$96,346.00	\$57,567.00	Oregon - Statewide

Project Description
This project will fund an Information Analyst to: Identify, acquire, and catalog GIS data and other information needed for ODF projects analyzing cumulative effects, Investigate opportunities to coordinate inventory information and methods between the multiple riparian vegetation assessment efforts, Work to establish an information sharing network between ODF, EPA, USDA-FS, and other Oregon Plan cooperators, Serve as an agency technical expert on GIS technology and coordinate with other program staff specialist, OSU researchers, federal cooperators, and others.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-042	OWEB		Gilliam-East John Day WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	John Day

Project Description
2003-05 Council Support for Gilliam-East John Day, Lonerock/30 Mile, Hay/Scott Canyon, Mid Rock Cr, Ferry Canyon Working Group

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-049	OWEB		Grande Ronde Model WS Program Support	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$30,372.93	Lower Snake

Project Description
2003-05 Council Support for Grande Ronde Model WS Program

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
ODFW004e	OWEB	Chris Knutsen, George Westfall, Kevin Good	Habitat and Fish Management Biologists	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$44,131.00	\$0.00	Northern Oregon Coastal

Project Description

Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
ODFW004b	OWEB	David Loomis, Jim Brick	Habitat and Fish Management Biologists	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$39,300.00	\$0.00	Lower Columbia

Project Description

Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-050	OWEB		Harney Co WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Oregon Closed Basins

Project Description

2003-05 Council Support for Harney Co WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-043	OWEB		Hood River SWCD Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Middle Columbia
Project Description					
2003-05 Council Support for Hood River WS Group					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-012	OWEB		Illinois Valley WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$9,869.76	Southern Oregon Coastal
Project Description					
2003-05 Council Support for Illinois Valley WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-044	OWEB		Jefferson SWCD Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$9,146.34	Deschutes
Project Description					
2003-05 Council Support for Trout Cr, Willow Cr WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-026	OWEB		Johnson Cr WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$20,090.98	Lower Columbia
Project Description					
2003-05 Council Support for Johnson Cr WSC					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-040	OWEB		Klamath WSC Support	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$19,526.58	Klamath
Project Description					
2003-05 Council Support for Klamath WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-013	OWEB		Little Butte Cr WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Southern Oregon Coastal
Project Description					
2003-05 Council Support for Little Butte Cr WSC Inc					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-027	OWEB		Long Tom WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$22,381.95	Willamette
Project Description					
2003-05 Council Support for Long Tom WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-002	OWEB		Lower Columbia River WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$14,641.95	Northern Oregon Coastal
Project Description					
2003-05 Council Support for Lower Columbia River WSC					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-014	OWEB		Lower Rogue WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Southern Oregon Coastal
Project Description					
2003-05 Council Support for Lower Rogue WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-051	OWEB		Malheur WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Oregon Closed Basins
Project Description					
2003-05 Council Support for Malheur WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-028	OWEB		Marys River WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Willamette
Project Description					
2003-05 Council Support for Marys River WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-003	OWEB		MidCoast WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$32,926.83	Northern Oregon Coastal
Project Description					
2003-05 Council Support for Mid Coast, Alsea, Salmon-Drift Cr WSCs					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-029	OWEB		Middle Fork Willamette WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,570.73	Willamette

Project Description
2003-05 Council Support for Middle Fork WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-015	OWEB		Middle Rogue WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Southern Oregon Coastal

Project Description
2003-05 Council Support for Middle Rogue WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-005	OWEB		Nestucca-Neskowin WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Northern Oregon Coastal

Project Description
2003-05 Council Support for Nestucca-Neskowin WSCs

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-052	OWEB		North Fork John Day WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,261.46	John Day

Project Description
2003-05 Council Support for North Fork John Day WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-030	OWEB		North Santiam WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$11,107.32	Willamette

Project Description
2003-05 Council Support for North Santiam WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-911	OWEB		ODFW Fish Habitat Biologists 2003-05	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$1,285,401.00	Oregon - Statewide

Project Description
ODFW 2003-05 Habitat Biologists funding

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-045	OWEB		Ore-Cal RC&D Area Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$9,146.34	Upper Sacramento

Project Description
2003-05 Council Support for Upper Chewaucan, Silver Lake, Sycan, Chewaucan, Deep Cr, Goose Lake WSCs

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-906	OWEB		Oregon Water Resources Dept ESA Agreement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$108,000.00	\$0.00	Oregon - Statewide

Project Description
OWEB and the Oregon Governor's Office to sponsor an ESA position at WRD July 2003 to June 2005

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-907	OWEB		OWEB/NOAA Fisheries ESA Position	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$100,000.00	\$0.00	Oregon - Statewide

Project Description
OWEB/NOAA Fisheries ESA Position

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-056	OWEB		Owyhee WSC Support		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Middle Snake-Boise

Project Description
2003-05 Council Support for Owyhee WSC

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-907A	OWEB		PCSRF ESA - uncommitted	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Watershed and Sub-basin Planning and Assessment	\$261,519.00	\$0.00	Oregon - Statewide

Project Description
PCSRF ESA uncommitted funds reserved

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-057	OWEB		Powder Basin WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,507.32	Middle Snake-Powder

Project Description
2003-05 Council Support for Powder Basin WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-031	OWEB		Pudding River WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$10,396.34	Willamette

Project Description
2003-05 Council Support for Pudding River WSC

Project Ref	Grantee	Subgrantee	Project Name	State
ODF004a	OWEB	ODF	Research, Monitoring and Evaluation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$973,973.00	\$649,315.00	Oregon - Statewide

Project Description
This project will fund 4 permanent and two seasonal employees to: Conduct effectiveness and compliance monitoring projects within the Forest Practices monitoring program, support research efforts related to aquatic links between physical/chemical and biological processes on forest lands, support research evaluating the impacts of forest practices on watershed scale physical/chemical processes, and determine the presence and absence of salmonids for program administration and to establish a baseline for future monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-032	OWEB		Rickreall/Luckiamute WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$20,731.71	Willamette

Project Description
2003-05 Council Support for Rickreall WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-033	OWEB		Salem Keizer Area WSCs Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$14,634.15	Willamette

Project Description
2003-05 Council Support for Pringle Cr, Claggett Cr, Glenn-Gibson Cr, Friends of Mill Cr (not a recognized WSC)

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-034	OWEB		Sandy River Basin WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$18,292.68	Lower Columbia

Project Description
2003-05 Council Support for Sandy River Basin WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-035	OWEB		Scappoose Bay WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Lower Columbia

Project Description
2003-05 Council Support for Scappoose Bay

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-020	OWEB		Seven Basins WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$9,146.34	Southern Oregon Coastal

Project Description
2003-05 Council Support for Seven Basins WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-046	OWEB		Sherman County WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$9,146.34	Deschutes

Project Description
2003-05 Council Support for North Sherman, Fulton, Gordon Canyons, Macks Canyon, Grass Valley Canyon, Pine Hollow/Jackknife WSCs

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-006	OWEB		Siuslaw WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$18,025.85	Northern Oregon Coastal

Project Description
2003-05 Council Support for Siuslaw WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-021	OWEB		Smith River & Elk Cr WSCs Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Watershed and Sub-basin Planning and Assessment	\$0.00	\$8,720.73	Southern Oregon Coastal

Project Description
2003-05 Council Support for Smith River, Elk Cr WSCs

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-016	OWEB		South Coast WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$26,843.42	Southern Oregon Coastal

Project Description
2003-05 Council Support for South Coast, Floras Cr, Elk/Sixes, Port Orford, Euchre Cr, Hunter/Pistol, Chetco, Winchuck

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-036	OWEB		South Santiam WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$19,684.15	Willamette

Project Description
2003-05 Council Support for South Santiam WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-017	OWEB		Tenmile Lakes' Basin Partnership Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Southern Oregon Coastal

Project Description
2003-05 Council Support for Tenmile Lakes' Basin Partnership

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-007	OWEB		Tillamook Bay WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Watershed and Sub-basin Planning and Assessment	\$0.00	\$12,395.85	Northern Oregon Coastal

Project Description
2003-05 Council Support for Tillamook Bay WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-037	OWEB		Tualatin River WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Lower Columbia

Project Description
2003-05 Council Support for Tualatin River WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-208	OWEB		U Willamette Basin Landowner Conservation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Watershed and Sub-basin Planning and Assessment	\$0.00	\$44,041.00	Willamette

Project Description
East Lane SWCD seeks funding to provide required technical assistance to watershed that will meet compliance standards for Agricultural Water Quality Management Areas Plans. All of the practices implemented through this project will meet or exceed the Oregon Aquatic Habitat Restoration and Enhancement Guide. Implementation successes will be highlighted through education and outreach programs of the East Lane SWCD. OWEB funds will be used to fund a half-time technical assistance position to be housed at East Lane SWCD. This is a new submission.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-053	OWEB		Umatilla Basin WS Foundation Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$14,634.15	Middle Columbia
Project Description					
2003-05 Council Support for Umatilla Basin WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-018	OWEB		Umpqua Basin WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$23,489.76	Southern Oregon Coastal
Project Description					
2003-05 Council Support for Umpqua Basin WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-047	OWEB		Upper Deschutes WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$25,240.97	Deschutes
Project Description					
2003-05 Council Support for Upper Deschutes WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-004	OWEB		Upper Nehalem Lower Nehalem WSCs Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$27,420.98	Northern Oregon Coastal
Project Description					
2003-05 Council Support for Upper Nehalem, Lower Nehalem WSCs					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-019	OWEB		Upper Rogue WS Assoc Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$16,322.93	Southern Oregon Coastal
Project Description					
2003-05 Council Support for Upper Rogue WS Association					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-054	OWEB		Walla Walla Basin WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$21,648.05	Middle Columbia
Project Description					
2003-05 Council Support for Walla Walla Basin WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-048	OWEB		Wasco Co Area WSCs Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Deschutes
Project Description					
2003-05 Council Support for Bakeover, Fifteenmile, Mosier, The Dalles, White River					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW008	OWEB	Jay Doino, John Spangler, Michele Long, Ric	Watershed Council Technical Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$384,097.00	\$0.00	Oregon - Coastal

Project Description

The purpose of these positions (3.0 FTE) is to act as ODFW's representative to watershed councils and other local watershed-based groups, providing expert advice on watershed restoration activities. A major responsibility is to provide technical support on fish population and fish habitat needs to watershed councils and to aid in their development and implementation of the watershed assessment and action plans required by the Memorandum of Agreement (MOA) between the National Marine Fisheries Service (NMFS) and the State of Oregon. In addition, activities, directions, requests, and issues arising from activities of the councils will be resolved or communicated to ODFW staff as needed to facilitate coordination of restoration activities.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-055	OWEB		Wheeler SWCD Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$9,756.10	John Day

Project Description

2003-05 Council Support for Bridge Cr, Mid John Day, Wheeler Point

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-039	OWEB		Yamhill Basin Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,073.17	Willamette

Project Description

2003-05 Council Support for Yamhill Basin Council

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-257	OWEB		A Cooperative Vision for WS Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$29,500.00	\$0.00	Oregon Closed Basins

Project Description
A Cooperative Vision for WS Restoration

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-008A	OWEB		Applegate River WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$83,264.49	\$0.00	Southern Oregon Coastal

Project Description
2003-05 Council Support for Applegate River, Williams Cr WSCs

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW001a	OWEB	Kim Jones	Aquatic Inventories Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$88,000.00	\$0.00	Oregon - Statewide

Project Description
The Aquatic Inventories Program is comprised of 5 projects: (1) monitor aquatic and riparian habitat in coastal basins at randomly selected sites as part of the Oregon Plan for Salmon and Watersheds, (2) provide quantitative assessments of aquatic and riparian habitat in streams and rivers throughout the state of Oregon, (3) monitor the response of habitat restoration projects, (4) conduct selected studies on salmonid and non-salmonid populations, and (4) conduct studies on salmonid use and performance in estuaries. This project funds 2.0 FTE to direct project implementation.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-239	OWEB		Baker Cr Fish Passage Design	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	05-MAR-03 -	Watershed and Sub-basin Planning and Assessment	\$50,514.00	\$0.00	Willamette

Project Description
Baker Cr Fish Passage Design

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-009A	OWEB		Bear Cr WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Southern Oregon Coastal
Project Description					
2003-05 Council Support for Bear Cr WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-022A	OWEB		Calapooia WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$56,707.32	\$0.00	Willamette
Project Description					
2003-05 Council Support for Calapooia WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-023A	OWEB		Clackamas River WS Council Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$64,159.42	\$0.00	Willamette
Project Description					
2003-05 Council Support for Clackamas River Basin Council					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-023	OWEB		Clackamas River WS Council Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$20,696.58	Willamette
Project Description					
2003-05 Council Support for Clackamas River Basin Council					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-001A	OWEB		Clatsop Coordinating Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$86,951.22	\$0.00	Northern Oregon Coastal

Project Description
2003-05 Council Support for Ecola Cr, Necanicum, Nicolai-Wickiup, Skipanon, Youngs Bay WSCs

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-024A	OWEB		Coast Fork Willamette WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$30,243.90	\$0.00	Willamette

Project Description
2003-05 Council Support for Coast Fork Willamette WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-024	OWEB		Coast Fork Willamette WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$9,756.10	Willamette

Project Description
2003-05 Council Support for Coast Fork Willamette WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-025	OWEB		Columbia Slough WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$19,954.39	Lower Columbia

Project Description
2003-05 Council Support for Columbia Slough WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-025A	OWEB		Columbia Slough WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$61,858.61	\$0.00	Lower Columbia

Project Description
2003-05 Council Support for Columbia Slough WSC

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-010A	OWEB		Coos WS Assoc Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$64,268.29	\$0.00	Southern Oregon Coastal

Project Description
2003-05 Council Support for Coos WS Association

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-011A	OWEB		Coquille WS Assoc Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$65,837.19	\$0.00	Southern Oregon Coastal

Project Description
2003-05 Council Support for Coquille WS Association

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-909	OWEB		CREP Technical Assistance	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	07-JAN-03 -	Watershed and Sub-basin Planning and Assessment	\$47,000.00	\$0.00	Oregon - Statewide

Project Description
CREP Technical Assistance

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-908	OWEB		CREP Technical Assistance	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	19-DEC-02 -	Watershed and Sub-basin Planning and Assessment	\$47,000.00	\$0.00	Oregon - Statewide
Project Description					
CREP Technical Assistance					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-905	OWEB		CREP Technical Assistance	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	19-NOV-02 -	Watershed and Sub-basin Planning and Assessment	\$40,319.00	\$0.00	Southern Oregon Coastal
Project Description					
CREP Technical Assistance					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-907	OWEB		CREP Technical Assistance	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	12-DEC-02 -	Watershed and Sub-basin Planning and Assessment	\$45,000.00	\$0.00	Southern Oregon Coastal
Project Description					
CREP Technical Assistance					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-906	OWEB		CREP Technical Assistance	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	02-DEC-02 -	Watershed and Sub-basin Planning and Assessment	\$45,000.00	\$0.00	Lower Snake
Project Description					
CREP Technical Assistance					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-265	OWEB		Crooked River WS Riparian & Range Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	07-APR-03 -	Watershed and Sub-basin Planning and Assessment	\$14,634.00	\$0.00	Deschutes

Project Description
Crooked River WS Riparian & Range Improvement

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-041A	OWEB		Crooked River WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$64,268.29	\$0.00	Deschutes

Project Description
2003-05 Council Support for Crooked River WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-237	OWEB		Curry Restoration Package	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	24-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$39,120.00	\$0.00	Southern Oregon Coastal

Project Description
Curry Restoration Package

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-238	OWEB		East Fork Williams Cr Salmon Restoration Tech Design	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	18-MAR-03 -	Watershed and Sub-basin Planning and Assessment	\$27,972.00	\$0.00	Southern Oregon Coastal

Project Description
East Fork Williams Cr Salmon Restoration Tech Design

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-042A	OWEB		Gilliam-East John Day WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	John Day

Project Description
2003-05 Council Support for Gilliam-East John Day, Lonerock/30 Mile, Hay/Scott Canyon, Mid Rock Cr, Ferry Canyon Working Group

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-049A	OWEB		Grande Ronde Model WS Program Support	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$94,156.07	\$0.00	Lower Snake

Project Description
2003-05 Council Support for Grande Ronde Model WS Program

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-262	OWEB		Grant SWCD Technical Assistance	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-MAR-03 -	Watershed and Sub-basin Planning and Assessment	\$104,016.00	\$0.00	John Day

Project Description
Grant SWCD Technical Assistance

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW004j	OWEB	Christopher Yee, Kelly Reis, Suzanne Knapp	Habitat and Fish Management Biologists	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$11,152.00	\$0.00	Willamette

Project Description
Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-050A	OWEB		Harney Co WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Oregon Closed Basins

Project Description
2003-05 Council Support for Harney Co WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-043A	OWEB		Hood River SWCD Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$67,926.83	\$0.00	Middle Columbia

Project Description
2003-05 Council Support for Hood River WS Group

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-259	OWEB		Hudson Bay Aquifer Recharge Engineering	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	07-MAR-03 -	Watershed and Sub-basin Planning and Assessment	\$18,900.00	\$0.00	Middle Columbia
Project Description					
Hudson Bay Aquifer Recharge Engineering					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-012A	OWEB		Illinois Valley WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$30,596.24	\$0.00	Southern Oregon Coastal
Project Description					
2003-05 Council Support for Illinois Valley WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-044A	OWEB		Jefferson SWCD Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$28,353.66	\$0.00	Deschutes
Project Description					
2003-05 Council Support for Trout Cr, Willow Cr WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-026A	OWEB		Johnson Cr WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$62,282.02	\$0.00	Lower Columbia
Project Description					
2003-05 Council Support for Johnson Cr WSC					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-040A	OWEB		Klamath WSC Support	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$60,532.42	\$0.00	Klamath
Project Description					
2003-05 Council Support for Klamath WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-013A	OWEB		Little Butte Cr WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Southern Oregon Coastal
Project Description					
2003-05 Council Support for Little Butte Cr WSC Inc					

Project Ref	Grantee	Subgrantee	Project Name	State	
ODA001	OWEB	Oregon Department of Agriculture	Local Capacity Support - Support local capacity to implement the Oregon	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$3,100,000.00	\$800,000.00	Oregon - Statewide
Project Description					
<p>A critical component of salmon recovery is private landowner maintenance and improvement of agricultural and rural non forested lands for water quality and salmonid habitat. Soil and Water Conservation Districts (SWCD) are local entities that provide the local link to landowners to implement components of the Oregon Plan for Salmon and Watersheds that enhance water quality and salmonid survival. The SWCDs complement the work of Watershed Councils by reaching a different client than that being reached by watershed councils. This project finances SWCDs to provide the local outreach and technical assistance to local landowners to: 1) promote the Oregon Plan for Salmon and Watersheds 2) improve landowner involvement in conservation activities that enhance water quality and habitat for salmon 3) develop assessments and implement strategies to achieve the goals of the Oregon Plan.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-256	OWEB		Log Deck Park Riparian & Wetland Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	10-MAR-03 - 29-DEC-03	Watershed and Sub-basin Planning and Assessment	\$38,300.00	\$0.00	Deschutes

Project Description
Log Deck Park Riparian & Wetland Restoration

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-027A	OWEB		Long Tom WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$69,384.05	\$0.00	Willamette

Project Description
2003-05 Council Support for Long Tom WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-002A	OWEB		Lower Columbia River WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$45,390.05	\$0.00	Northern Oregon Coastal

Project Description
2003-05 Council Support for Lower Columbia River WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-014A	OWEB		Lower Rogue WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Southern Oregon Coastal

Project Description
2003-05 Council Support for Lower Rogue WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-051A	OWEB		Malheur WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Oregon Closed Basins

Project Description
2003-05 Council Support for Malheur WSC

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-249	OWEB		Marys River WSC Restoration Proposal Development	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	05-MAR-03 -	Watershed and Sub-basin Planning and Assessment	\$27,683.00	\$0.00	Willamette

Project Description
Marys River WSC Restoration Proposal Development

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-028A	OWEB		Marys River WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Willamette

Project Description
2003-05 Council Support for Marys River WSC

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-246	OWEB		McFee Cr WS Project Implementation	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	11-MAR-03 -	Watershed and Sub-basin Planning and Assessment	\$38,564.00	\$0.00	Lower Columbia

Project Description
McFee Cr WS Project Implementation

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-231	OWEB		MidCoast Priority 6th Field Scale Restoration Phase I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$33,180.00	\$0.00	Northern Oregon Coastal

Project Description
MidCoast Priority 6th Field Scale Restoration Phase I

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-003A	OWEB		MidCoast WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$102,073.17	\$0.00	Northern Oregon Coastal

Project Description
2003-05 Council Support for Mid Coast, Alsea, Salmon-Drift Cr WSCs

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-029B	OWEB		Middle Fork Willamette WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$153.70	\$0.00	Willamette

Project Description
2003-05 Council Support for Middle Fork WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-029A	OWEB		Middle Fork Willamette WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$54,469.27	\$0.00	Willamette

Project Description
2003-05 Council Support for Middle Fork WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-015A	OWEB		Middle Rogue WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Southern Oregon Coastal

Project Description
2003-05 Council Support for Middle Rogue WSC

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-261	OWEB		Monument/Middle John Day Technical Assistance	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	10-APR-03 -	Watershed and Sub-basin Planning and Assessment	\$57,057.00	\$0.00	John Day

Project Description
Monument/Middle John Day Technical Assistance

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-005A	OWEB		Nestucca-Neskowin WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Northern Oregon Coastal

Project Description
2003-05 Council Support for Nestucca-Neskowin WSCs

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-052A	OWEB		North Fork John Day WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$53,510.54	\$0.00	John Day

Project Description
2003-05 Council Support for North Fork John Day WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-030A	OWEB		North Santiam WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$34,432.68	\$0.00	Willamette

Project Description
2003-05 Council Support for North Santiam WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-915	OWEB		ODFW Fish Stock Status	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	04-SEP-03 -	Watershed and Sub-basin Planning and Assessment	\$75,000.00	\$0.00	Oregon - Statewide

Project Description
ODFW 2003 Fish Stock Status

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-045A	OWEB		Ore-Cal RC&D Area Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$28,353.66	\$0.00	Upper Sacramento

Project Description
2003-05 Council Support for Upper Chewaucan, Silver Lake, Sycan, Chewaucan, Deep Cr, Goose Lake WSCs

Project Ref	Grantee	Subgrantee	Project Name	State
OWRD002b	OWEB	OWRD	OWRD Technical Assistance	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$349,062.30	\$0.00	Oregon - Coastal

Project Description
Provide technical assistance and outreach to support streamflow restoration efforts. Project will target ESUs that occur in Oregon coastal watersheds and Columbia River tributaries in Oregon.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-056A	OWEB		Owyhee WSC Support		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$41,297.99	\$0.00	Middle Snake-Boise
Project Description					
2003-05 Council Support for Owyhee WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-057A	OWEB		Powder Basin WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$54,272.68	\$0.00	Middle Snake-Powder
Project Description					
2003-05 Council Support for Powder Basin WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-031A	OWEB		Pudding River WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$32,228.66	\$0.00	Willamette
Project Description					
2003-05 Council Support for Pudding River WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-032A	OWEB		Rickreall/Luckiamute WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$64,268.29	\$0.00	Willamette
Project Description					
2003-05 Council Support for Rickreall WSC					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-033A	OWEB		Salem Keizer Area WSCs Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$45,365.85	\$0.00	Willamette

Project Description
 2003-05 Council Support for Pringle Cr, Claggett Cr, Glenn-Gibson Cr, Friends of Mill Cr (not a recognized WSC)

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-034A	OWEB		Sandy River Basin WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$56,707.32	\$0.00	Lower Columbia

Project Description
 2003-05 Council Support for Sandy River Basin WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-243	OWEB		Scappoose Bay WS Fish Barrier Passage	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	09-MAR-03 - 01-DEC-03	Watershed and Sub-basin Planning and Assessment	\$32,435.72	\$0.00	Northern Oregon Coastal

Project Description
 Scappoose Bay WS Fish Barrier Passage

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-035A	OWEB		Scappoose Bay WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Lower Columbia

Project Description
 2003-05 Council Support for Scappoose Bay

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-020A	OWEB		Seven Basins WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$28,353.66	\$0.00	Southern Oregon Coastal

Project Description
 2003-05 Council Support for Seven Basins WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-046A	OWEB		Sherman County WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$28,353.66	\$0.00	Deschutes

Project Description
 2003-05 Council Support for North Sherman, Fulton, Gordon Canyons, Macks Canyon, Grass Valley Canyon, Pine Hollow/Jackknife WSCs

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-006A	OWEB		Siuslaw WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$55,880.15	\$0.00	Northern Oregon Coastal

Project Description
 2003-05 Council Support for Siuslaw WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-021A	OWEB		Smith River & Elk Cr WSCs Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Watershed and Sub-basin Planning and Assessment	\$27,034.27	\$0.00	Southern Oregon Coastal

Project Description
 2003-05 Council Support for Smith River, Elk Cr WSCs

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-016A	OWEB		South Coast WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$83,214.58	\$0.00	Southern Oregon Coastal

Project Description
2003-05 Council Support for South Coast, Floras Cr, Elk/Sixes, Port Orford, Euchre Cr, Hunter/Pistol, Chetco, Winchuck

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-036A	OWEB		South Santiam WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$61,020.85	\$0.00	Willamette

Project Description
2003-05 Council Support for South Santiam WSC

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-254	OWEB		Technical Assistance for Deschutes & Jefferson SWCDs	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	13-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$60,000.00	\$0.00	Deschutes

Project Description
Technical Assistance for Deschutes & Jefferson SWCDs

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-910	OWEB		Technical Assistance FSOS	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	21-JAN-03 -	Watershed and Sub-basin Planning and Assessment	\$65,000.00	\$0.00	Oregon - Statewide

Project Description
Provide statewide grants for technical assistance

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-017A	OWEB		Tenmile Lakes' Basin Partnership Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Southern Oregon Coastal

Project Description
2003-05 Council Support for Tenmile Lakes' Basin Partnership

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-007A	OWEB		Tillamook Bay WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Watershed and Sub-basin Planning and Assessment	\$38,427.15	\$0.00	Northern Oregon Coastal

Project Description
2003-05 Council Support for Tillamook Bay WSC

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-037A	OWEB		Tualatin River WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Lower Columbia

Project Description
2003-05 Council Support for Tualatin River WSC

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-172	OWEB		U Klamath Basin WS Assess & Rest Plan	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	21-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$396,000.00	\$0.00	Klamath

Project Description
The Klamath Basin Ecosystem Foundation, in partnership with the Upper Klamath Basin Working Group, will develop a watershed assessment and restoration plan for 36 5th field watersheds in the Upper Klamath Basin. The plan will identify, prioritize and build support for a suite of on-the-ground projects to improve ecosystem conditions and economic stability associated with resource management objectives.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-053A	OWEB		Umatilla Basin WS Foundation Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$45,365.85	\$0.00	Middle Columbia

Project Description
2003-05 Council Support for Umatilla Basin WSC

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-018A	OWEB		Umpqua Basin WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$72,818.24	\$0.00	Southern Oregon Coastal

Project Description
2003-05 Council Support for Umpqua Basin WSC

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-172Z	OWEB		Unallocated Klamath County Earmark	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Watershed and Sub-basin Planning and Assessment	\$574,000.00	\$0.00	Klamath

Project Description
Unallocated Klamath County Earmark

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-047A	OWEB		Upper Deschutes WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$78,247.03	\$0.00	Deschutes

Project Description
2003-05 Council Support for Upper Deschutes WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-241	OWEB		Upper Molalla/Upper Milk Cr Tributaries Gap TA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	13-MAR-03 -	Watershed and Sub-basin Planning and Assessment	\$52,360.00	\$0.00	Willamette
Project Description					
Upper Molalla/Upper Milk Cr Tributaries Gap Technical Assistance					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-004A	OWEB		Upper Nehalem Lower Nehalem WSCs Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$85,005.02	\$0.00	Northern Oregon Coastal
Project Description					
2003-05 Council Support for Upper Nehalem, Lower Nehalem WSCs					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-019A	OWEB		Upper Rogue WS Assoc Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$50,601.07	\$0.00	Southern Oregon Coastal
Project Description					
2003-05 Council Support for Upper Rogue WS Association					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-250	OWEB		Upper Willamette Basin Culvert Replacement Designs	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	24-MAR-03 - 06-OCT-03	Watershed and Sub-basin Planning and Assessment	\$16,500.00	\$0.00	Willamette
Project Description					
Upper Willamette Basin Culvert Replacement Designs					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
DEQ003	OWEB	ODEQ	Volunteer Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$210,000.00	\$0.00	Oregon - Statewide

Project Description
Provide equipment and training to watershed councils to assist them with developing and implementing water quality monitoring programs

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-054A	OWEB		Walla Walla Basin WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$67,108.95	\$0.00	Middle Columbia

Project Description
2003-05 Council Support for Walla Walla Basin WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-048A	OWEB		Wasco Co Area WSCs Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Deschutes

Project Description
2003-05 Council Support for Bakeover, Fifteenmile, Mosier, The Dalles, White River

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-055A	OWEB		Wheeler SWCD Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$30,243.90	\$0.00	John Day

Project Description
2003-05 Council Support for Bridge Cr, Mid John Day, Wheeler Point

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
DEQ001a	OWEB	ODEQ	Willamette TMDLs: Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$362,071.00	\$0.00	Willamette

Project Description
Complete public review draft of the Willamette Basin TMDLs and Water Quality Management Plan

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-039A	OWEB		Yamhill Basin Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$52,926.83	\$0.00	Willamette

Project Description
2003-05 Council Support for Yamhill Basin Council

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-283	OWEB		5 Stream Restoration Designs for the Alsea Basin	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-NOV-01 -	Watershed and Sub-basin Planning and Assessment	\$8,450.00	\$0.00	Northern Oregon Coastal

Project Description
This project will employ a professional fish biologist to develop five restoration projects in high priority areas of the watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-019	OWEB		Applegate River Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 24-SEP-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$60,750.00	Southern Oregon Coastal

Project Description

The Applegate River Watershed Council (ARWC) promotes a voluntary approach to ecological restoration, conservation, and stewardship of the Applegate River Watershed. Through our watershed-based assessments, we identify restoration needs and conservation opportunities. Working with landowners and natural resource agency representatives, we develop specific projects, seek funding when necessary, and provide projects design and implementation assistance. Our education and outreach work ensures that we not only raise awareness within the Applegate community concerning watershed health, but also provide community members the opportunities and tools to improve it. We anticipate that our annual budget will be over \$1,00,000 for the next two years. The amount of reporting and accounting has exceeded the capacity of our prior part-time office assistant. This grant proposes to fund a full-time council coordinator and partially fund a full time office manager.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-019A	OWEB		Applegate River Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 24-SEP-03	Watershed and Sub-basin Planning and Assessment	\$20,250.00	\$0.00	Southern Oregon Coastal

Project Description

Same as 201-019. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-306	OWEB		Bear Creek Regional Stormwater Management Plan-Step 1	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Watershed and Sub-basin Planning and Assessment	\$13,702.00	\$0.00	Southern Oregon Coastal

Project Description

This is step one in a three step process to create and implement a regional storm water management plan for the jurisdictions in the Bear Creek watershed to reduce urban non-point source pollution into Bear Creek. Step One develops the foundation for a regional plan.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-021	OWEB		Bear Creek Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 24-AUG-03	Watershed and Sub-basin Planning and Assessment	\$37,176.00	\$0.00	Southern Oregon Coastal

Project Description
This project proposes 2 years additional coordinator funding in order to build on Bear Creek Watershed Council's past successes in the following core areas: a) Bear Creek Water Quality/Flow/Fisheries b) Administration and Coordination of Bear Creek and Rogue Basin efforts and c) Education and Outreach.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-021B	OWEB		Bear Creek Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 24-AUG-03	Watershed and Sub-basin Planning and Assessment	\$25,324.00	\$0.00	Southern Oregon Coastal

Project Description
Same as 201-021. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-038	OWEB		Calapooia River WS Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$77,000.00	\$0.00	Willamette

Project Description
This proposal is for an assessment of the 233,978-acre Calapooia watershed. It would integrate existing data and supplemental field data following the OWEB Assessment Manual protocols. OWEB funds are requested for contracted services, report production and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-028	OWEB		Calapooia Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 29-JUL-03	Watershed and Sub-basin Planning and Assessment	\$33,480.00	\$0.00	Willamette

Project Description
 Volunteers of the Calapooia Watershed Council need a coordinator to assist their efforts to organize and administer their council. A paid coordinator will develop partnership, increase membership, and improve communication, which will help coordinate and ingrate social, ecological, and economic issues of the watershed. OWEB funds are requested to support a full-time coordinator position and related fiscal and council administration costs for 2 years.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-022B	OWEB		Calapooia WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$6,388.70	\$0.00	Willamette

Project Description
 2003-05 Council Support for Calapooia WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-038B	OWEB		Clackamas River Basin Council	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 19-AUG-03	Watershed and Sub-basin Planning and Assessment	\$18,750.00	\$0.00	Lower Columbia

Project Description
 Same as 201-038. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-038	OWEB		Clackamas River Basin Council	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 19-AUG-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$56,250.00	Lower Columbia

Project Description
<p>This project will assist the Clackamas River Basin Council to implement and further the following goals over the next two years: 1)Continue and expand the Riparian Enhancement Programs and other on-the-ground conservation projects; 2)Continue to promote involvement and partnerships with over 250 stakeholder groups and more private landowners; 3)Develop, update and implement Council and watershed Action Plans; 4)leverage community funding, coordinate grant writing and reporting and implement the Council's strategic funding plan; 5)provide leadership and participate in local, regional and state-wide watershed; 6)continue to develop the Clackamas Watershed Monitoring Projects; 7)enhance community understanding of our watershed through watershed assessments and studies; 8)promote the enjoyment and understanding of the watershed through tours, educational workshops and events.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-166	OWEB		Clackamas Subwatershed Summary & Action Plan	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	22-OCT-01 -	Watershed and Sub-basin Planning and Assessment	\$71,287.00	\$0.00	Lower Columbia

Project Description
<p>The Clackamas River Basin Council and its partners intend to conduct a Basin-wide Sub-watershed Summary and Action Plan. In addition, the council intends to complete the final two Sub-watershed Assessments and develop a Preliminary Action Plan on Deep and Goose Creek Watersheds. A contractor will be hired to work with the Watershed Council, partners and community volunteers to complete the assessment using the OWEB manual. Basin-wide Action Planning will summarize and incorporate completed assessments for 98% of the individual subwatersheds in the Clackamas Basin. The Action Plan may include a Subwatershed summary, Fish and Wildlife Improvement Plan, a Water Quality and Water Supply Plan, a Stewardship Plan and a Watershed Monitoring Plan.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-011A	OWEB		Clatsop Watershed Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 28-JUL-03	Watershed and Sub-basin Planning and Assessment	\$44,549.66	\$0.00	Northern Oregon Coastal

Project Description
<p>Same as 201-011. Change in funding source.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-011	OWEB		Clatsop Watershed Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 28-JUL-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$53,922.34	Northern Oregon Coastal

Project Description

This grant proposal seeks two years of funding to continue the position of coordinator for Clatsop County Watershed Councils. The coordinator proposes to assist five established local watershed councils continue to develop watershed action plans, implement QA/QC water quality monitoring plans, with an emphasis on salmon habitat (limiting factors) and the prioritization of stream restoration projects, and grant writing and administrative duties.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-027	OWEB		Coast Fork Willamette WSC Coordination & Administration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 03-SEP-03	Watershed and Sub-basin Planning and Assessment	\$75,000.00	\$0.00	Willamette

Project Description

Volunteers of the Coast Fork Willamette watershed community to need a coordinator to assist in their efforts to organize and administer a local watershed council. Better communication among all citizens will help coordinate and integrate social, ecological, and economic issues of the collective Coast Fork Willamette and Row River watershed. OWEB funds are requested to support a salaried coordinator position and related fiscal and council administration costs. The proposed budget term begins July 1, 2001 and ends June 30, 2003.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-165	OWEB		Columbia Slough Action Plan	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-AUG-01 - 15-DEC-03	Watershed and Sub-basin Planning and Assessment	\$54,428.00	\$0.00	Lower Columbia

Project Description

Develop an Action Plan for the Columbia Slough watershed using existing information as baseline; identify data gaps; develop prioritized restoration/protection action items and list of projects; and develop landowner/stakeholder partnership strategies. Conduct public workshops to identify action items, projects and priorities. This is the first fully integrated plan for the watershed and will be valuable for expanding private landowner's awareness of protection/restoration needs for restoring watershed health.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-025B	OWEB		Columbia Slough WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$49.08	\$0.00	Lower Columbia

Project Description
 2003-05 Council Support for Columbia Slough WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-035	OWEB		Columbia Slough WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 09-OCT-03	Watershed and Sub-basin Planning and Assessment	\$75,000.00	\$0.00	Lower Columbia

Project Description
 Columbia Slough is an urban watershed experiencing rapid development and complex local management issues. This proposal provides for a full-time Coordinator and other funds to enable the CSWC to continue its success as the forum to resolve watershed issues. Priority efforts include a watershed-wide assessment, identifying riparian/upland restoration, enhancement, and protection sites, and training/education/public outreach activities.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-123	OWEB		Coos Bay Lowlands Assessment, Phase 1	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$102,578.00	\$0.00	Southern Oregon Coastal

Project Description
 This project will fund a watershed assessment for lowlands surrounding Coos Bay, the second largest estuary in Oregon. The first project phase will cover the northern and eastern portions of the Lower Coos River fifth field watershed, and will extend the standard OWEB Assessment methodology to include additional field surveys, increased emphasis on hydrology, and a targeted environmental history component.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-059B	OWEB		Coos Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$47,158.00	\$0.00	Southern Oregon Coastal

Project Description
Same as 201-059. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-059	OWEB		Coos Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$28,842.00	Southern Oregon Coastal

Project Description
Watershed council support for the Coos Watershed Council.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-018	OWEB		Coquille Watershed Council Support 200-2002	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 06-OCT-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$56,500.56	Southern Oregon Coastal

Project Description
This proposal will provide two years of funding for a watershed coordinator for the Coquille Watershed Association (CWA), as well as provide funding to support general council activities and office management.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-043	OWEB		Council Support Project Upper Deschutes Watershed Council	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 - 29-JUL-03	Watershed and Sub-basin Planning and Assessment	\$105,446.00	\$0.00	Deschutes

Project Description
This project proposal will fund the continuation of a full-time watershed coordinator and council operation costs in the Upper and Little Deschutes Sub Basins. The Council will continue: facilitating comprehensive watershed management; assisting in the development, implementation, and involvement activities in the basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-012	OWEB		Council Support-UBWC	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 12-AUG-03	Watershed and Sub-basin Planning and Assessment	\$75,000.00	\$0.00	Southern Oregon Coastal

Project Description
 Provide watershed council support to the UBWC. The scope of this project includes salary for the full-time coordinator and associated costs for day-to-day operations. The OWEB funds would be used for coordinator salary for the 2001-2002 biennium.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-042B	OWEB		Crooked River Watershed Council Coordinator Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 04-AUG-03	Watershed and Sub-basin Planning and Assessment	\$32,982.72	\$0.00	Deschutes

Project Description
 Same as 201-042. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-042	OWEB		Crooked River Watershed Council Coordinator Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 04-AUG-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$34,833.28	Deschutes

Project Description
 OWEB support of the Crooked River Watershed Council coordinator position will ensure the current momentum of the council is maintained and expanded. Specific local objectives that will be met by continuation of the council's coordinator position include: 1) Final draft and distribution of basin assessment; 2) Education Projects (landowner workshop, watershed forum, educator workshop, rural/urban issues events); 3) Facilitation and support of watershed & sub-watershed scale landowner working groups; 4) Improved fish passage and habitat in the Ochoco Watershed (Mill, McKay, Ochoco, Marks and Allen Creeks); 5) Demonstration projects; 6) Increase the capacity of the council (technical staff support, coordinator staff, board development activities, day-to-day operations, newsletter, media relations) 7) expand efforts to develop and implement monitoring action items; 8) Build partnerships and fundraise to support improvement projects with other councils, etc.); 10) Identify and support implementation of riparian restoration and protection projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-088	OWEB		Crooked/Rattlesnake/Jordan/Middle Owyhee Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$72,486.00	\$0.00	Middle Snake-Boise

Project Description

The Owyhee Watershed Council is seeking funds for a contractor to complete a local assessment of 3 subbasins which comprise 2,633,237 acres. Existing information pertaining to these subbasins will be collected and compiled. Fieldwork will be initiated based on the identification of data gaps in existing information. OWEB funds are requested for an assessment contractor (89%), mileage & mailing (1%) and administration (10%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-170	OWEB		Deschutes Wetlands Initiative Phase I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-03 -	Watershed and Sub-basin Planning and Assessment	\$13,496.00	\$0.00	Deschutes

Project Description

While the Deschutes River is the second largest river in Oregon, it flows through arid country and wetlands are a small but highly important part of the ecosystem. This project would inventory sites and determine from existing inventories the number, location, size and ecological nature of wetlands within the Deschutes Basin and develop a cooperative strategy for their management.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-548	OWEB		Development of Biodiversity Data	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-02 -	Watershed and Sub-basin Planning and Assessment	\$49,106.00	\$0.00	Oregon - Statewide

Project Description

This two-year project will advance efforts to provide biodiversity information to watershed councils and to others in the public and private sectors. The two main products will be (1) a fine scale (1:24,000) map of pre-settlement vegetation for the Oregon coast, Willamette River Middle Fork, Umpqua Basin, and Rogue/Illinois Valleys; and (2) surveys and classifications of wetland and riparian habitats in Northwest Oregon. Watershed councils will be notified of the new data's availability and will be able to request information at no charge. The main project costs are for personnel.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-512	OWEB		Donner Und Blitzen Watershed Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-FEB-02 -	Watershed and Sub-basin Planning and Assessment	\$9,400.00	\$0.00	Oregon Closed Basins

Project Description
This project will collect existing geological, hydrological, climatic, vegetative and wildlife data from the Donner Und Blitzen subbasin to complete a watershed assessment using the OWEB assessment manual protocol. The assessment will be used to facilitate the writing of action plans in Harney County as well as enable private landowners to identify where best to allocate improvement funds. OWEB funds are requested for contractor and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-326	OWEB		Fish Passage and Habitat Assessment Inventory	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-OCT-01 - 02-JAN-03	Watershed and Sub-basin Planning and Assessment	\$44,644.30	\$0.00	Willamette

Project Description
The applicant proposes a countywide program to identify and prioritize the restrictions to fish passage and document the quality of habitat that would be available after fish passage is opened. Prioritization will be based on a cost/benefit analysis of removal or retrofit cost compared to the quality and quantity of accessible fish habitat if barrier is removed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-232	OWEB		Geo-Technical Analysis for Miller & Page Cr Fish Barrier Rem	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-MAR-03 - 03-NOV-03	Watershed and Sub-basin Planning and Assessment	\$16,000.00	\$0.00	Northern Oregon Coastal

Project Description
Geo-Technical Analysis for Miller & Page Cr Fish Barrier Rem

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-056A	OWEB		Gilliam-East John Day Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 06-OCT-03	Watershed and Sub-basin Planning and Assessment	\$28,358.91	\$0.00	John Day

Project Description
Same as 201-056. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-056	OWEB		Gilliam-East John Day Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 06-OCT-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$46,142.09	John Day

Project Description
The Watershed Council Coordinator will continue to work with all stakeholders to enable the Council to strategically and systematically prioritize, educate, implement, assess and monitor existing and proposed projects, assist the Council with the development of Council Policies and Goals setting, to be assured of a successful watershed organization and improved watershed health and function in the Lower John Day Basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-042B	OWEB		Gilliam-East John Day WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$1,795.00	\$0.00	John Day

Project Description
2003-05 Council Support for Gilliam-East John Day, Lonerock/30 Mile, Hay/Scott Canyon, Mid Rock Cr, Ferry Canyon Working Group

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-057B	OWEB		Grande Ronde Model Watershed Program Administration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$29,260.00	\$0.00	Lower Snake

Project Description
Same as 201-057. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-057	OWEB		Grande Ronde Model Watershed Program Support	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 21-MAR-03	Watershed and Sub-basin Planning and Assessment	\$128,237.26	\$0.00	Lower Snake

Project Description
The project will provide partial funding for administration and coordination of the Grande Rhonde Model Watershed Programs (GRMWP). Activities of the watershed council include: watershed assessments, restoration projects planning, implementation and monitoring; education, and public outreach. The program facilitates dialogue and coordination among stakeholders. The GRMWP has created a cooperative, incentive-based habitat restoration program.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-039	OWEB		Greater Salem Area WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 15-OCT-03	Watershed and Sub-basin Planning and Assessment	\$75,000.00	\$0.00	Willamette

Project Description
This project will fund a watershed coordinator, and associated services and materials, who will assist three watershed councils (i.e. Pringles Creek WC, Claggett Creek WC, and Glenn-Gibson WC) and the Friends of Mill Creek in meeting their goals and objectives. Primary objectives during this grant period will include the completion of a joint watershed assessment and the development of action plans for each watershed council.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-049	OWEB		Harney County Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 20-NOV-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$45,695.02	Oregon Closed Basins

Project Description
Provide for a Watershed Council Coordinator. This coordinator will be responsible for the fiscal management of the council as well conducting the day to day business of the council. The coordinator will develop budgets, work plans, educational opportunities, and provide public relations for the council.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-049B	OWEB		Harney County Watershed Council Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 20-NOV-03	Watershed and Sub-basin Planning and Assessment	\$45,304.98	\$0.00	Oregon Closed Basins
Project Description					
Same as 201-049. Change in funding source.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-047A	OWEB		Hood River Watershed Group- Council Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 18-JUL-03	Watershed and Sub-basin Planning and Assessment	\$41,904.15	\$0.00	Middle Columbia
Project Description					
Same as 201-047. Change in funding source.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-047	OWEB		Hood River Watershed Group- Council Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 18-JUL-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$43,799.85	Middle Columbia
Project Description					
This project continues funding a full-time coordinator for Hood River Watershed Group (council) and council expenses for 2 years. The coordinator will plan and conduct council meetings, assist members to develop and implement operative projects in the Hood River Watershed Action Plan including SB1010 and TMDL water quality plans, conduct outreach activities, water quality monitoring, and organize volunteer labor for on-the-ground projects.					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-017	OWEB		Illinois Valley Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$50,165.00	Southern Oregon Coastal

Project Description
 The Illinois Valley Watershed Council was formed in 1994 and has had a coordinator since its inception. The coordinator was vital in helping the council complete 22 projects that involved 39 landowners in this time. The council currently has 19 grants that total \$626,850 and has pending grants that total \$106,609. The council has 8 projects slated for next summer and nothing will get done without a coordinator.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-017B	OWEB		Illinois Valley Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$25,835.00	\$0.00	Southern Oregon Coastal

Project Description
 Same as 201-017. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-044B	OWEB		Jefferson SWCD Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$5,000.00	\$0.00	Deschutes

Project Description
 2003-05 Council Support for Trout Cr, Willow Cr WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-032B	OWEB		Johnson Creek Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 16-OCT-03	Watershed and Sub-basin Planning and Assessment	\$28,250.00	\$0.00	Lower Columbia

Project Description
 Same as 201-032. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-032	OWEB		Johnson Creek Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 16-OCT-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$46,750.00	Lower Columbia

Project Description

The Johnson Creek Watershed Council has conducted a prioritized planning process and has stakeholder involvement, expand watershed partnerships, and diversify council financial support with the assistance of paid staff. Expanded resources will be utilized to address significant watershed challenges such as water quality degradation, threatened and endangered species, habitat loss and degradation, flood damage through integrated strategies which combine the efforts of local jurisdictions and watershed stakeholders.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-041	OWEB		Klamath Watershed Council Coordinator	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 22-OCT-03	Watershed and Sub-basin Planning and Assessment	\$76,780.00	\$0.00	Klamath

Project Description

To provide a Watershed Council Coordinator and provide general financial support for the Klamath Watershed Council, its seven existing working groups, and a new urban issue working group currently in formation. Also support and supplies for field technician doing watershed assessments through the RARE program.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-045A	OWEB		Lake County Watershed Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 16-SEP-03	Watershed and Sub-basin Planning and Assessment	\$24,136.00	\$0.00	Oregon Closed Basins

Project Description

Same as 201-045. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-045	OWEB		Lake County Watershed Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 16-SEP-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$54,661.00	Oregon Closed Basins

Project Description

Project will contract full time Watershed Coordinator to assist 5 independent watershed Councils and other formally recognized watershed councils as develop in Lake County, Oregon with assessment, evaluation, monitoring, planning and implementation of social economic, natural resources and biologic issues within formal boundaries of each council and to provide administrative support including maintenance of records and historical documentation.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-023	OWEB		Little Butte Creek Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 08-OCT-03	Watershed and Sub-basin Planning and Assessment	\$76,000.00	\$0.00	Southern Oregon Coastal

Project Description

Little Butte Watershed Council has been extremely proactive in protecting and restoring their watershed resources and educating stakeholders and others about those successes. In order to continue this important work, begun officially in 1994, it is imperative that the coordinator/project fiscal administrator position be adequately fund to ensure continuity and completion of projects currently underway, and that future projects under development move forward.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-030	OWEB		Long Tom Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 29-SEP-03	Watershed and Sub-basin Planning and Assessment	\$75,000.00	\$0.00	Willamette

Project Description

This project will maintain the current support so the LTWC can meet its goals by: 1) Maintaining consistent activity & leveraging hours; 2) Assisting people from perspectives in working together toward watershed health; 3) Overseeing & integrating all parts of the Action Plan incl.: education, monitoring, & restoration prioritization & activity; 4) Leveraging match funds & services; & 5) Keeping the watershed public informed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-467	OWEB		Lower Coast Fork Willamette WS Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-FEB-02 -	Watershed and Sub-basin Planning and Assessment	\$63,668.00	\$0.00	Willamette

Project Description
This project will complete an assessment of the Lower Coast Fork to provide historic and current perspectives on watershed conditions. The assessment will be used to formulate a future action plan and identify data collection priorities. OWEB funds are requested for project management, consultation, GIS services, aerial photography, travel, supplies, postage, copies, report production, workshops and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-009A	OWEB		Lower Columbia River Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 20-NOV-03	Watershed and Sub-basin Planning and Assessment	\$39,934.78	\$0.00	Northern Oregon Coastal

Project Description
Same as 201-009. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-009	OWEB		Lower Columbia River Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 20-NOV-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$14,405.22	Northern Oregon Coastal

Project Description
This proposal requests funding for the position of a part-time Watershed Council Coordinator and for Council operating expenses for a two year period from July 1, 2001 to June 30, 2003 for the Lower Columbia River Watershed Council (LCRWC) The LCRWC is a 215,000 acre watershed including area in Columbia and Clatsop Counties. A coordinator and Council support are essential to continuing the ongoing council restoration projects and outreach.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-151	OWEB		Lower Molalla River Milk Cr WS Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	05-MAR-03 -	Watershed and Sub-basin Planning and Assessment	\$46,725.00	\$0.00	Willamette

Project Description

This resubmitted proposal is for a watershed assessment that integrates existing data and includes field data collection and verification using the OWEB Assessment Manual protocols. The assessment would cover two 5th-field watersheds totaling 101,952 acres. OWEB funds would be used primarily for contracted services and production costs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-004	OWEB		Lower Nehalem Habitat Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-NOV-02 - 08-AUG-03	Watershed and Sub-basin Planning and Assessment	\$28,677.17	\$0.00	Northern Oregon Coastal

Project Description

Both physical habitat and snorkel surveys will be conducted on all the tributaries to the Lower Nehalem River in order to gain information necessary for the watershed council to identify and prioritize potential restoration sites and activities within the watershed. This project is a continuation of work conducted last year on the tributaries of the North Fork Nehalem. OWEB funds will be used for supplies, travel and wages for personnel.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-275	OWEB		Lower Nehalem River Habitat Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	16-NOV-01 - 19-AUG-02	Watershed and Sub-basin Planning and Assessment	\$24,688.63	\$0.00	Northern Oregon Coastal

Project Description

This proposal would fund a crew to survey many of the streams in the Lower Nehalem River watershed in order to collect information on stream habitat and fish passage. The information will be used in the development and prioritization of restoration projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-074	OWEB		Lower Nehalem Watershed Health - Action Plan	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-JUL-01 - 24-NOV-03	Watershed and Sub-basin Planning and Assessment	\$70,290.00	\$0.00	Northern Oregon Coastal

Project Description
The LNWC seeks to hire a Watershed Planner to implement LNWC Action Plan projects. The focus of the LNWC Action Plan is to develop priority projects for implementation. The council is taking steps to develop cooperative partnerships with local landowners and natural resource managers to identify, prioritize and implement restoration projects. Projects will be designed according to state standards and executed to improve riparian conditions, salmon passage, water quality, aquatic and estuarine habitats.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-013	OWEB		Lower Rogue Watershed Council Coordinator 2001-2003	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 03-OCT-03	Watershed and Sub-basin Planning and Assessment	\$75,400.00	\$0.00	Southern Oregon Coastal

Project Description
This council support grant will enable the Lower Rogue Watershed Council (LRWC) to retain a coordinator for the 2001-2003 biennium. The council has numerous on-going projects in outreach and education, watershed assessment and development of an action plan, and on-the-ground projects with cooperating landowners. The coordinator is the project manager for all on-going- projects and needs continued funding to maintain and expand this program.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-039	OWEB		Luckiamute WS Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	16-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$75,000.00	\$0.00	Willamette

Project Description
This project will result in an assessment of the 201,600-acre Luckiamute watershed, using the OWEB Watershed Assessment Manual protocols. It will integrate existing data and include additional mapped components. OWEB funds are requested for contracted services and administration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-051	OWEB		Malheur-Owyhee WSC Coordinator & Technical Support	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 08-SEP-03	Watershed and Sub-basin Planning and Assessment	\$80,300.00	\$0.00	Middle Snake-Boise

Project Description

The coordinator will facilitate and provide technical support to the Malheur-Owyhee Watershed Council, the Bully Creek Watershed Coalition. Duties include: 1) implementing the Malheur Basin Action Plan and assisting with the Bully Creek Action Plan, 2) continue water quality Monitoring and assessment of the Malheur River Drainage, 3) support the Owyhee informational component of the Council, 4) perform outreach for public awareness of watershed health issues, 5) pursue funding for projects, water quality monitoring, and PFC assessment in the Bully Creek sub basin and the Malheur River watershed 6) facilitate project implementation with BCWC and MOWC members as well as other area residents. 7) facilitate meetings between federal land management agencies and user, Ad Hoc Meetings, when necessary.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-028B	OWEB		Marys River WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$6,002.27	\$0.00	Willamette

Project Description

2003-05 Council Support for Marys River WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-024	OWEB		Mary's River WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 02-JUL-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$52,407.20	Willamette

Project Description

This Project will: 1) advance the Mary's River Watershed Council (MRWC) long-term Action Plan (Draft attached), 2) continue base-line data collection on water quality and habitat quality for the Mary's river watershed, 3) continue funding for the full-time watershed council coordinator, and 4) continue efforts to expand and diversify landowners participation in watershed council activities.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-024A	OWEB		Mary's River WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 02-JUL-03	Watershed and Sub-basin Planning and Assessment	\$22,590.53	\$0.00	Willamette

Project Description
Same as 201-024. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-116	OWEB		MidCoast Rapid BioAssessment Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$29,480.00	\$0.00	Northern Oregon Coastal

Project Description
This project would continue the highly successful Rapid Bio-Assessment (RBA) project in the mid-coast region. The RBA is a snorkel survey that produces excellent snapshot-in-time information on the abundance and distribution of juvenile salmonids within a river system. This effort would focus on a survey of the small coastal tributaries and select reaches of two of the major river systems (Yaquina and Alsea) in the region. OWEB funds would be used for wages and expenses of the snorkeling crew and for computer analysis of the data collected.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-010	OWEB		MidCoast Watersheds Council support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 - 10-DEC-03	Watershed and Sub-basin Planning and Assessment	\$178,625.00	\$0.00	Northern Oregon Coastal

Project Description
The MidCoast Watersheds Council proposes to continue operating as a watershed council with a full-time coordinator, and part-time support staff for 5 Basin Planning Teams. We are raising money from diverse source for project support, and will initiate at least 20 projects per year. Projects will be initiated in accordance with priorities set in our Watershed Assessment and Action Plan. We will expand education and public outreach programs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-117	OWEB		MidCoast WS Evaluation & Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-03 -	Watershed and Sub-basin Planning and Assessment	\$92,423.00	\$0.00	Northern Oregon Coastal

Project Description
 This assessment project would continue the work of the Lincoln SWCD habitat and fisheries survey crew. Two full-time trained and skilled surveyors would continue to do Aquatic Habitat Inventories and spawner surveys on rivers and tributaries in the mid-coast region identified as important by the MidCoast Watershed Assessment and/or ODFW. The majority of OWEB funds will be used for crew wages with a small percentage allocated for travel costs and supplies.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-048	OWEB		Middle Deschutes Watershed Coordinator & Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 15-OCT-03	Watershed and Sub-basin Planning and Assessment	\$76,226.99	\$0.00	Deschutes

Project Description
 This proposal will allow the District to continue with a full-time Watershed Coordinator and continued to support the two Councils located in Jefferson Co. The Councils are completing comprehensive watershed-wide assessment.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-036	OWEB		Middle Fork Willamette WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 13-AUG-03	Watershed and Sub-basin Planning and Assessment	\$74,846.30	\$0.00	Willamette

Project Description
 To provide essential Council support services (Coordinator funding, printing & postage costs, vehicle mileage, newsletter production, equipment, office utilities) for the fast growing Middle Fork Willamette Watershed Council; which recently (November 2000) received formal Lane County recognition and is currently in the midst of developing & implementing a two year Work Plan geared towards achieving Council Mission and Goals as Defined in the Council Charter.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-020B	OWEB		Middle Rogue WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 05-SEP-03	Watershed and Sub-basin Planning and Assessment	\$38,998.00	\$0.00	Southern Oregon Coastal

Project Description
Same as 201-020. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-020	OWEB		Middle Rogue WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 05-SEP-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$37,002.00	Southern Oregon Coastal

Project Description
This proposed grant will fund "council support" for the relatively "young" Middle Rogue Watershed Council, providing monies to support a full-time coordinator, as well as enabling the council to conduct normal organizational business. The coordinator will oversee the development, delivery, and monitoring of council projects originating from the watershed assessment and action plan (currently in draft form), as well as assist the council in organizational development, capacity building, and outreach.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-005	OWEB		Necanicum Habitat Assessment	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-OCT-02 - 03-NOV-03	Watershed and Sub-basin Planning and Assessment	\$30,817.48	\$0.00	Northern Oregon Coastal

Project Description
In order to identify both productive and deficient coho habitat in the Necanicum River watershed, this project will conduct winter nighttime snorkel surveys and physical stream habitat surveys on stream areas not surveyed in the last 10 years. The information will help identify potential restoration sites and activities as well as help design effective restoration projects. OWEB funds will be used for supplies, travel and wages for personnel.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-007A	OWEB		Necanicum Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 20-NOV-03	Watershed and Sub-basin Planning and Assessment	\$15,566.00	\$0.00	Northern Oregon Coastal

Project Description
Same as 201-007. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-007	OWEB		Necanicum Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 20-NOV-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$19,800.00	Northern Oregon Coastal

Project Description
The Necanicum River is an important watershed that supports 5 species of anadromous Salmonid. The coordinator will manage the organization and administration of the council to include: planning and organizing council meetings and events; project coordination, management, and evaluation; grant writing and researching other sources to provide funding for watershed enhancement and restoration projects; coordinating the watershed assessment, project monitoring and community education projects, and providing for continued watershed council operation. The coordinator will also work with landowners, volunteers, and local, state and federal agency representatives.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-004B	OWEB		Nehalem Watershed Health - Upper & Lower Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 30-OCT-03	Watershed and Sub-basin Planning and Assessment	\$57,550.00	\$0.00	Northern Oregon Coastal

Project Description
Same as 201-004. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-004	OWEB		Nehalem Watershed Health - Upper & Lower Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 30-OCT-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$61,250.00	Northern Oregon Coastal

Project Description
 The Nehalem Watershed Councils are requesting \$158,510 in OWEB funding for watershed council/coordinator support for the 2001-03 biennium. The Upper & Lower Nehalem Watershed Councils are actively involved in promoting watershed health and salmonid recovery through out the Nehalem basin. Support is required to facilitate both councils activities which focus on building cooperation, action plan implementation and effectiveness monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-008	OWEB		Nestucca-Neskowin Watershed Council Technical Assistant	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 07-AUG-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$36,409.50	Northern Oregon Coastal

Project Description
 The Nestucca-Neskowin Watershed Council proposes to continue funding for the Technical Assistant to work with the council to 1)implement the Management and Action plan based on the Watershed Assessment completed in May 1998; 2) continue implementation of water quality monitoring; 3) continue work with the technical team and landowners to assess, plan and implement riparian habitat restoration projects; 4) and assist the council with public outreach and education efforts to involve more students and landowners in Council activities.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-008A	OWEB		Nestucca-Neskowin Watershed Council Technical Assistant	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 07-AUG-03	Watershed and Sub-basin Planning and Assessment	\$16,500.50	\$0.00	Northern Oregon Coastal

Project Description
 Same as 201-008. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-054	OWEB		North Fork John Day Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 28-JUL-03	Watershed and Sub-basin Planning and Assessment	\$95,336.98	\$0.00	John Day

Project Description
The North Fork John Day Watershed Council seeks funding to maintain their coordinator position. The coordinator solicits landowner participation for restoration and enhancement projects throughout the North/Middle Fork subbasins and coordinates interagency support for development and construction of projects, and implements educational efforts. The coordinator facilitates meetings, forums, and workshops. The coordinator works cooperatively with other watershed councils within the John Day Basin to recognize and address water quality problems. The coordinator writes and administers grants, works to outreach to communities and schools within the watershed, and aids individuals and organizations in their efforts to enhance and safeguard water quality within the North Fork Subbasin. The coordinator is the Local Management Agency representative to the 1010 Basin Planning Committee.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-025	OWEB		North Santiam Watershed Council Support & Coordination Grant	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 09-OCT-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$35,800.00	Willamette

Project Description
The North Santiam Watershed Council requires financial assistance to hire a coordinator and part-time Office Assistant to continue to provide support, supervision and coordination to the various Council programs. Including: watershed assessment, WQ monitoring, education & outreach, and restoration work. This project will continue the exhaustive work of the last 4 years of the NSWC and will result in protecting and restoring watershed and having healthier communities.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-025B	OWEB		North Santiam Watershed Council Support & Coordination Grant	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 09-OCT-03	Watershed and Sub-basin Planning and Assessment	\$39,200.00	\$0.00	Willamette

Project Description
Same as 201-025. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-736	OWEB		ODA - CREP Program	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-MAY-02 - 15-JUL-03	Watershed and Sub-basin Planning and Assessment	\$25,000.00	\$0.00	Oregon - Statewide
Project Description					
CREP analysis funding					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-734	OWEB		ODA-Support SWCD's	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-MAY-02 - 08-SEP-03	Watershed and Sub-basin Planning and Assessment	\$1,458,013.00	\$0.00	Oregon - Statewide
Project Description					
Support for Soil and Water Conservation Districts					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-056C	OWEB		Owyhee WSC Support		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$1,500.00	\$0.00	Middle Snake-Boise
Project Description					
2003-05 Council Support for Owyhee WSC					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-168	OWEB		Pedee Creek Watershed Assessment	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-SEP-01 - 23-JUN-03	Watershed and Sub-basin Planning and Assessment	\$13,177.03	\$0.00	Willamette
Project Description					
Assessment of watershed conditions for Pedee Creek, tributary of the Luckiamute river.					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-055	OWEB		Powder Basin Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 09-SEP-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$57,294.59	Middle Snake-Powder

Project Description

We have built an organization that is sustainable with outside support. We serve as a coordinating mechanism within the Powder Basin, providing space for agencies, organizations and private citizens to find common ground. We have excelled at maintaining diversity of opinion while creating a forum of respectful listening and speaking. We have prioritized ten 5th code (or larger) watershed for assessment and action plans and are beginning our second watershed assessment utilizing extensive outreach programs. We will also be focusing on our first Watershed Action Plan. We hope to make great progress in council process over the next two years by employing consensus training and facilitation.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-055B	OWEB		Powder Basin Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 09-SEP-03	Watershed and Sub-basin Planning and Assessment	\$34,371.99	\$0.00	Middle Snake-Powder

Project Description

Same as 201-055. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-057C	OWEB		Powder Basin WSC Support C/O 01-03	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$3,000.00	\$0.00	Middle Snake-Powder

Project Description

2003-05 Council Support for Powder Basin WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-040	OWEB		Rickreall WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 17-OCT-03	Watershed and Sub-basin Planning and Assessment	\$75,000.00	\$0.00	Willamette

Project Description

This project would allow continued support for a full-time Watershed Coordinator for two years. The Coordinator will assist the Rickreall Watershed Council advance its goal of: a) Reviewing the assessment and setting project priorities. b) Creating an action plan using council goals and objectives c) Implementing the action plan and monitoring it d) Identifying projects of outreach, education, and high visibility for community involvement.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-592	OWEB		Rogue Basin Restoration Technical Team Pool	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	23-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$72,000.00	\$0.00	Southern Oregon Coastal

Project Description

This project proposes to continue providing coordinated on-the-ground technical support to watershed councils, private landowners and agencies within the Rogue River basin. The project will also validate, distribute and train watershed councils and agency personnel in the use of the Ecological Management Decision Support Model for the purpose of identifying high priority restoration and monitoring needs from a basin scale perspective.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-441	OWEB		Rogue Basin Streamflow Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	05-FEB-02 -	Watershed and Sub-basin Planning and Assessment	\$61,558.00	\$0.00	Southern Oregon Coastal

Project Description

This project is to systematically assess stream flows in the Rogue Basin during the low flow season through a measurement program designed to document flow conditions. Flow data will be used to assist in: 1) establishing restoration and distribution priorities; 2) developing TMDL models; and 3) supporting ongoing watershed temperature studies.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-170	OWEB		Salt Creek & Upper South Yamhill Watershed Assess.	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	05-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$48,026.00	\$0.00	Willamette

Project Description

The project requests funds to complete the final two fifth field watershed assessments in the Yamhill Basin. A local project manager working with volunteers, landowners, council members, and a technical advisory committee will complete the assessments following the Oregon Watershed Assessment Manual methodology. The project includes a public involvement component of at least two community meetings to be held in each watershed. The first will present the assessment methods and discuss local issues. The second will present results of the assessment and begin the process to develop an action plan for the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-033	OWEB		Sandy River Basin WSC Coordinator Support Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$40,625.00	Lower Columbia

Project Description

The Sandy River Basin Watershed Council completed a Phase I Assessment and Action Plan in June 1999. That GWEB funded project identified data gaps, demonstrated the need for community involvement in council activities, and expand partnerships for implementing on-the-ground projects. This Support Grant spells out critical needs of the watershed and Council that can only be addressed with the on-going assistance of a full-time, paid Coordinator.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-033B	OWEB		Sandy River Basin WSC Coordinator Support Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$34,375.00	\$0.00	Lower Columbia

Project Description

Same as 201-033. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-031	OWEB		Scappoose Bay Council Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 14-JUL-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$37,500.00	Lower Columbia

Project Description					
<p>This grant will fund a full-time Coordinator for Scappoose Bay Watershed Council, and represent SBWC as a visible and accessible contact for the local community regarding issues related to watershed health and restoration. The coordinator will build on three years of public education, community involvement, watershed assessment, and trust-building by SBWC volunteers. The Coordinator's work may include supervising two part-time employees. It will include coordinating stream monitoring and action plan development; overseeing administration of grants; promoting SBWC activities through local media and service clubs; working with the local soil and water conservation district to gain the confidence and cooperation of agricultural riparian landowners in the community; working with other local natural resource industries and businesses to assist their efforts to comply with clean water and fish protection regulations; developing neighborhood riparian support groups; maintaining the SBWC's GIS data base; writing grants for SBWC projects and for partnership projects with municipal and agencies; and organizing a facilitated self-assessment of the SBWC.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-035B	OWEB		Scappoose Bay WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$3,497.91	\$0.00	Lower Columbia

Project Description					
2003-05 Council Support for Scappoose Bay					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-014	OWEB		Seven Basins WS Assessment	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	22-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$88,375.00	\$0.00	Southern Oregon Coastal

Project Description					
<p>Seven Basin's Watershed Council will develop an assessment and action plan to identify current watershed conditions, identify and prioritize on the ground project with strong local support, that when implemented will have a direct impact on watershed health. Project funds requested would be used for project contracted services, training, office supplies and rent, field supplies and equipment, phone and administrative costs.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-044	OWEB		Sherman County Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 17-SEP-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$41,585.00	John Day

Project Description
 One Coordinator will organize meetings and implement action items for four watershed councils in Sherman County. Sherman County SWCD will provide a technician for assessment, monitoring, planning and design, and will provide an administrator for all grants, programs and projects. Sherman SWCD will provide staff to coordinate a fifth watershed council with other funding.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-044A	OWEB		Sherman County Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 17-SEP-03	Watershed and Sub-basin Planning and Assessment	\$28,415.00	\$0.00	John Day

Project Description
 Same as 201-044. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-046B	OWEB		Sherman County WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$13,145.00	\$0.00	Deschutes

Project Description
 2003-05 Council Support for North Sherman, Fulton, Gordon Canyons, Macks Canyon, Grass Valley Canyon, Pine Hollow/Jackknife WSCs

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-229	OWEB		Siuslaw Basin Habitat Enhancement Design	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-OCT-03 -	Watershed and Sub-basin Planning and Assessment	\$17,600.00	\$0.00	Willamette

Project Description
 Siuslaw Basin Habitat Enhancement Design

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-570	OWEB		Siuslaw Basin Rapid Bioassessment Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 13-JUL-03	Watershed and Sub-basin Planning and Assessment	\$36,330.00	\$0.00	Northern Oregon Coastal

Project Description
This project will fund one year of Rapid Bio-Assessment data collection for the whole Siuslaw River basin. Rapid Bio-Assessment is a snorkel survey protocol that provides excellent information on the abundance and distribution of juvenile salmonids. OWEB funds will be used to pay the contract services, travel expenses and supplies/materials for the assessment.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-005	OWEB		Siuslaw Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 24-SEP-03	Watershed and Sub-basin Planning and Assessment	\$103,138.00	\$0.00	Northern Oregon Coastal

Project Description
The project will provide a portion of salary and funds to support watershed council operations and to extend the position of the Siuslaw Watershed Coordinator for two additional years, July 2001- June 2003

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-022	OWEB		South Coast Watershed Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 17-JUL-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$47,000.00	Southern Oregon Coastal

Project Description
This position serves 7 watershed councils (and 9 separate watersheds) on the southern Oregon coast. These councils include: Floras Creek; Elk/ sixes; Port Orford; Euchre Creek; Hunter/Pistol; Chetco; and Winchuck rivers. The coordinator also directs the South Coast Watershed Council, and an umbrella group that brings together the "sub-councils" and implements a county-wide restoration strategy.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-022B	OWEB		South Coast Watershed Coordinator	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 17-JUL-03	Watershed and Sub-basin Planning and Assessment	\$29,000.00	\$0.00	Southern Oregon Coastal
Project Description					
Same as 201-022. Change in funding source.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-037	OWEB		South Santiam Watershed Council (SSWC) Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 14-AUG-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$26,282.79	Willamette
Project Description					
The project will advance the goals of the South Santiam Watershed Council (SSWC) over the next two years by funding a full-time coordinator position that will better enable the council to achieve their goals, objectives, carry out the action items outlined and prioritized in their Action Plan.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-037B	OWEB		South Santiam Watershed Council (SSWC) Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 14-AUG-03	Watershed and Sub-basin Planning and Assessment	\$48,717.21	\$0.00	Willamette
Project Description					
Same as 201-037. Change in funding source.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-010A	OWEB		Tech Assess Lwr Chetco WQ Mgmt Plan	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-99 - 03-FEB-03	Watershed and Sub-basin Planning and Assessment	\$4,214.00	\$0.00	Southern Oregon Coastal
Project Description					
The North Fork Chetco River does not meet state water quality standards, which has served as a catalyst for increased public debate at the local level. The Chetco River Watershed Council, in concert with the Southcoast Watershed Council, propose to conduct a technical assessment for the lower one-third of the Chetco River with respect to riparian conditions and historical changes, prior to engaging the water quality management and action planning processes.					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-014	OWEB		Tenmile Lakes Basin Partnership-Council Support 2001-2003	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 24-AUG-03	Watershed and Sub-basin Planning and Assessment	\$76,000.00	\$0.00	Southern Oregon Coastal

Project Description
 Project will support operational costs of 6-year-old council. Through community involvement and education the council has successfully accomplished project development and implementation among private, local, county, state, tribal, and federal interests for the improved health of the Watershed. Operational costs that this project will support include: office operation, travel, staff, project coordination, and an education program.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-398	OWEB		The Business of Conservation/Building Conservation Dist Capa	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	03-NOV-01 -	Watershed and Sub-basin Planning and Assessment	\$111,196.00	\$0.00	Oregon - Statewide

Project Description
 The purpose of this project is to increase the capacity of soil and water conservation districts to plan for implementation of the Oregon Plan for Salmon and Watersheds, SB1010, and other priorities by increasing their administrative, programmatic, and technical abilities.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-006	OWEB		Tillamook County Watershed Councils Coordinating Services	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 20-OCT-03	Watershed and Sub-basin Planning and Assessment	\$91,540.00	\$0.00	Northern Oregon Coastal

Project Description
 The coordinator work with the councils to create assessments and action plans, to monitor water quality, to eliminate barriers to fish passage, to increase public awareness though education and outreach, and to enhance the integrity of riparian zones and associated uplands watershed systems though out Tillamook County. The coordinator will also act as a liaison between council members, landowners, agencies, schools, and public.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-034	OWEB		Tualatin River Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 19-AUG-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$37,898.97	Lower Columbia

Project Description
 This proposal continues support for the Tualatin River Watershed Council through employment of a Watershed Coordinator and associated costs for 24 months. The Coordinator is fundamental to implement enhancement, protection, and restoration projects identified in the Tualatin River Watershed Action Plan, conducting public awareness and community education programs, and fostering communication among all interests within the watershed

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-034B	OWEB		Tualatin River Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 19-AUG-03	Watershed and Sub-basin Planning and Assessment	\$35,520.51	\$0.00	Lower Columbia

Project Description
 Same as 201-034. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-037B	OWEB		Tualatin River WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$2,580.52	\$0.00	Lower Columbia

Project Description
 2003-05 Council Support for Tualation River WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-053B	OWEB		Umatilla Basin Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 10-JUL-03	Watershed and Sub-basin Planning and Assessment	\$40,798.91	\$0.00	Middle Columbia

Project Description
 Same as 201-053. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-053	OWEB		Umatilla Basin Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 10-JUL-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$81,042.09	Middle Columbia

Project Description
Fund Coordinator Position and overhead expenses for 2 years.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-053B	OWEB		Umatilla Basin WS Foundation Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$8,069.00	\$0.00	Middle Columbia

Project Description
2003-05 Council Support for Umatilla Basin WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-595	OWEB		Umpqua Basin Fish Barrier Identification & Prioritization	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-JUL-02 - 29-OCT-03	Watershed and Sub-basin Planning and Assessment	\$30,800.00	\$0.00	Southern Oregon Coastal

Project Description
This project proposes to create a multi-organizational, inter-disciplinary committee to identify existing fish passage barriers within the Umpqua basin. A consistent method for prioritizing their value for correction will be developed along with a strategic plan for future work.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-442	OWEB		Umpqua Basin Streamflow Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-02 -	Watershed and Sub-basin Planning and Assessment	\$56,077.00	\$0.00	Southern Oregon Coastal

Project Description
This project is to systematically assess stream flows in the Umpqua Basin during the low flow season through a measurement program designed to document flow conditions. Flow data will be used to assist in: 1) establishing restoration and distribution priorities; 2) developing TMDL models; and 3) supporting ongoing watershed temperature studies.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-135	OWEB		Umpqua Basin WS Assessment & Action Plan Phase III	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-APR-03 - 03-FEB-04	Watershed and Sub-basin Planning and Assessment	\$40,528.00	\$0.00	Southern Oregon Coastal

Project Description

The Umpqua Basin Watershed Council (UBWC) proposes to develop watershed assessments and action plans for five fifth-field watersheds in the Umpqua basin. These will complement the fifth-field watershed assessments currently in progress or completed. The new watersheds will include Looking Glass/Olalla, West, Lower and Upper Cow Creeks, Tiller region assessment area, and the South Umpqua River. The assessment will follow the guidance contained within the Oregon Watershed Assessment Manual.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-699	OWEB		Upper Butter Creek Channel Restoration Action Plan	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$37,180.00	\$0.00	Middle Columbia

Project Description

The project is to develop a cost-effective, long-range stream enhancement plan for approximately 30+ miles of Butter Creek and its tributaries. The action plan will identify major limiting watershed conditions, characterize channel habitat types, stream channel restoration opportunities and develop a list of general stream enhancement alternatives for major channel habitat types. OWEB funds are requested for contracted services (81%), equipment/supplies (6%), project management (4%) and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-015A	OWEB		Upper Rogue WS Association Support & Coordinator Funding	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 23-OCT-03	Watershed and Sub-basin Planning and Assessment	\$4,812.50	\$0.00	Southern Oregon Coastal

Project Description

Same as 201-015. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-015	OWEB		Upper Rogue WS Association Support & Coordinator Funding	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 23-OCT-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$14,437.50	Southern Oregon Coastal

Project Description
 URWA is one of the original councils formed in 1994 under HB 2215. This funding will allow URWA to continue implementation of its Work plan. Since its inception, the Association has provided significant benefits to the communities of the Upper Rogue Region and Beyond with a track record of success. In order to protect previous investments and guarantee continued success of the URWA, coordinator funding is critical.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-052	OWEB		Walla Walla Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 29-AUG-03	Watershed and Sub-basin Planning and Assessment	\$100,495.27	\$0.00	Middle Columbia

Project Description
 The Walla Walla Basin Watershed Council is seeking funds to continue accomplishing the tasks described in the 1997 Upper Walla Walla Subbasin Action Plan. We have successfully implemented a variety of projects to improve riparian habitat, upland road drainage, and improve streamflow through irrigation efficiency. We are also the lead entity for Oregon in the Bi-State Planning process to improve habitat for ESA listed bull trout and steelhead.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-277	OWEB		Wetland Restoration at Gearhart Bog	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	03-JAN-02 - 19-MAR-03	Watershed and Sub-basin Planning and Assessment	\$23,721.26	\$0.00	Northern Oregon Coastal

Project Description
 This project proposes to conduct an assessment and planning project to develop a road and drainage ditch restoration plan designed to restore natural water flows in Gearhart Bog.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-050A	OWEB		Wheeler County Watershed Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 24-OCT-03	Watershed and Sub-basin Planning and Assessment	\$66,520.00	\$0.00	John Day

Project Description
 Same as 201-050. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-050	OWEB		Wheeler County Watershed Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 24-OCT-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$37,600.00	John Day

Project Description
 This is a proposal to continue funding for the Wheeler County Watershed Coordinator. Since his hiring in 1998, the coordinator has provided support necessary to implement watershed improvement projects throughout Wheeler County. The coordinator will continue to perform these duties within the county and address any new issues that occur as directed by Wheeler Point watershed Council and Bridge Creek Watershed Council and Wheeler SWCD.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-171	OWEB		Willamette Basin Western Pond Turtle Habitat & pop Assess	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-JUL-01 - 04-JUN-03	Watershed and Sub-basin Planning and Assessment	\$60,000.00	\$0.00	Willamette

Project Description
 The purpose of this proposal is to support a three-pronged data acquisition and assessment that includes the following: 1) a review to establish historic and currently known locations throughout the Willamette Valley; 2) a field survey to historic sites within the Willamette Basin to verify occupancy; 3) an assessment to determine the potential contribution of private lands to the conservation of the Western Pond Turtle in the Willamette Basin in partnership with Watershed councils.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-406B	OWEB		Willamette Restoration Initiative	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-NOV-02 - 19-AUG-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$30,000.00	Southern Oregon Coastal
Project Description					
Funding for the Willamette Restoration Initiative (WRI)					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-406A	OWEB		Willamette Restoration Initiative	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-NOV-02 - 19-AUG-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$178,250.00	Southern Oregon Coastal
Project Description					
Funding for the Willamette Restoration Initiative (WRI)					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-593	OWEB		Williams Creek Groundwater Assessment	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	28-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$74,176.00	\$0.00	Southern Oregon Coastal
Project Description					
This project proposes to assess ground water resources in the Williams Creek watershed in order to identify economically viable quantities available for transfer from surface instream use to ground water use in order to increase stream flows, remove fish passage barriers and encourage efficiency through use of pressurized irrigation systems.					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-015	OWEB		WS Assessment & Action Plan Phase III	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	19-NOV-02 -	Watershed and Sub-basin Planning and Assessment	\$35,000.00	\$0.00	Southern Oregon Coastal

Project Description

This project proposes to develop watershed assessments and action plans for five additional fifth field watersheds in the Umpqua basin. These will compliment the seven fifth field watershed assessments currently in progress. The new watersheds will include looking Glass/Olalla, West and Lower Cow Creek, Myrtle Creek and the South Umpqua River. Project funds requested would be used for an assessment coordinator, contracted services such as GIS, Office and related project supplies, mileage, refreshments, mailing and announcements, printing, document review and fiscal administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-039B	OWEB		Yamhill Basin Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$2,500.00	\$0.00	Willamette

Project Description

2003-05 Council Support for Yamhill Basin Council

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-323	OWEB		Yamhill Basin Watershed Action Plan & Outreach Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-NOV-01 -	Watershed and Sub-basin Planning and Assessment	\$41,107.00	\$0.00	Willamette

Project Description

This project will engage stakeholders to develop action plans from the finished fifth field watershed assessments. The local watershed groups will work with staff and technical experts to develop an action plan using the CRMP process.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-029	OWEB		Yamhill Basin WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 07-AUG-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$40,500.00	Willamette

Project Description
The requested funds enables the Yamhill Basin Council to continue employment of a watershed coordinator to provide staff assistance for the council, and to assist the council in implementing education and outreach activities; conducting and coordinating monitoring, assessment and action plan projects; researching and assisting with funding for watershed projects, and providing stakeholder forum for the basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-029A	OWEB		Yamhill Basin WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 07-AUG-03	Watershed and Sub-basin Planning and Assessment	\$34,500.00	\$0.00	Willamette

Project Description
Same as 201-029. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-442	OWEB		10 Stream Rest. Designs for the Yaquina Basin	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 17-FEB-01	Watershed and Sub-basin Planning and Assessment	\$17,850.00	\$0.00	Northern Oregon Coastal

Project Description
Allow the Yaquina Basin Team, a newly formed watershed group, to identify priority sites and willing landowners for restoration activities within the Yaquina River basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-177	OWEB		Addendum to Poison Creek Slough GPA	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	02-FEB-01 - 16-OCT-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$7,700.00	Oregon Closed Basins

Project Description
 Since Application No. 99-579 (Poison Creek & Malheur Slough Project) has been approved, we have been asked by the County Court to include Township 22 South, Range 30 East into the planning process. The township includes Five Mile Dam and Foley Slough. Flows from these structures historically go to the Poison Creek. Some channel maintenance complaints have been received.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-627A	OWEB		Amend #1 to PSC 99-627 (FF-NOAA)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	10-MAY-00 -	Watershed and Sub-basin Planning and Assessment	\$32,962.03	\$0.00	Oregon - Statewide

Project Description
 Watershed Assessment Manual

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-207FF	OWEB		Applegate Rvr WS Council Support 1999	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 30-SEP-01	Watershed and Sub-basin Planning and Assessment	\$9,718.00	\$0.00	Southern Oregon Coastal

Project Description
 The Applegate River Watershed Council, a sub-committee of the Applegate Partnership has worked since 1994 to improve conditions in the Applegate Watershed and to develop community support for its efforts. The Watershed Council has completed many projects successfully and has obtained project funding commitments for the next two years of about \$600,000. Council support funding is essential to ensure that these projects are successfully completed and that new projects are developed and funded. This proposal will fund "council support" including a coordinator, and expenses and other council activities that support existing and new projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-006FF	OWEB		Balance from 99-006 to FF-NOAA	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 30-AUG-01	Watershed and Sub-basin Planning and Assessment	\$58,760.19	\$0.00	Middle Columbia

Project Description
Summary in 99-006. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-030FF	OWEB		Balance from 99-030 - NOAA FF	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 27-AUG-01	Watershed and Sub-basin Planning and Assessment	\$47,537.74	\$0.00	John Day

Project Description
The North Fork John Day Watershed Council seeks funding for maintaining their coordinator position. The coordinator solicits landowner participation for restoration and enhancement projects throughout the North/Middle Fork sub-basins and coordinates interagency support for development and construction. The coordinator facilitates meetings, forums and workshops. The coordinator works cooperatively with other watershed councils within the John Day Basin to recognize and address water quality problems. The coordinator writes and administers grants, works to outreach to communities and schools within the watershed, and aids individuals and organizations in their efforts to enhance and safeguard water quality within the North Fork Sub-basin. The coordinator is a Local Management Agency representative to the 1010 Basin Planning Committee.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-031FF	OWEB		Balance from 99-031 to FF-NOAA	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 06-SEP-01	Watershed and Sub-basin Planning and Assessment	\$51,393.00	\$0.00	John Day

Project Description
Summary in 99-031. Different funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-041FF	OWEB		Balance from 99-041 to FF-NOAA	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 02-JUL-01	Watershed and Sub-basin Planning and Assessment	\$19,435.83	\$0.00	Deschutes

Project Description
Summary in 99-041. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-083FF	OWEB		Balance from 99-083 to FF-NOAA	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 30-AUG-01	Watershed and Sub-basin Planning and Assessment	\$8,740.41	\$0.00	Southern Oregon Coastal

Project Description
A coordinator is needed to expand local partnerships in the community for long-term effectiveness. The Illinois Valley Watershed Council Coordinator has been effective in soliciting assistance from state and federal agencies for funding, engineering and technical expertise to complete watershed restoration projects. Thirty projects have been completed and another fifteen projects started. The coordinator is needed to complete projects that have been started and to develop new projects. The position is essential to complete a comprehensive watershed assessment and action plan with NRCS, BOR and USF & WS. Other responsibilities include administering and drafting grants and supervising employees. A volunteer program, basin-wide monitoring program, and projects that cross watershed boundaries need to be developed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-093FF	OWEB		Balance from 99-093 to FF-NOAA	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 19-SEP-01	Watershed and Sub-basin Planning and Assessment	\$21,061.77	\$0.00	Northern Oregon Coastal

Project Description
Summary in 99-093. Different funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-106FF	OWEB		Balance from 99-106 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 01-OCT-01	Watershed and Sub-basin Planning and Assessment	\$63,517.98	\$0.00	Deschutes

Project Description
Summary in 99-106. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-130FF	OWEB		Balance from 99-130 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 12-SEP-01	Watershed and Sub-basin Planning and Assessment	\$102,961.68	\$0.00	Northern Oregon Coastal

Project Description
Summary in 99-130. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-138FF	OWEB		Balance from 99-138 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 18-SEP-01	Watershed and Sub-basin Planning and Assessment	\$16,702.07	\$0.00	Lower Columbia

Project Description
Summary in 99-138. Different funding source. This grant proposal seeks two years of funding to continue the position of Coordinator for Clatsop County Watershed Councils. The coordinator proposes to assist the five established local watershed councils develop individual watershed action plans, QA/QC water quality monitoring plans, with an emphasis on salmonid habitat (limiting factors) and the prioritization of stream restoration projects. The coordinator proposes to continue to develop cooperative projects between local watershed councils, public education institutions, forestry industry, and local agencies. The coordinator proposes to assist local watershed councils acquire funds for restoration projects identified in individual watershed council action plans.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-144FF	OWEB		Balance from 99-144 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 10-JUL-01	Watershed and Sub-basin Planning and Assessment	\$20,625.00	\$0.00	Southern Oregon Coastal

Project Description
Summary in 99-144. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-155FF	OWEB		Balance from 99-155 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 13-SEP-01	Watershed and Sub-basin Planning and Assessment	\$77,056.00	\$0.00	Northern Oregon Coastal

Project Description
Summary in 99-155. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-158FF	OWEB		Balance from 99-158 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 09-JUL-01	Watershed and Sub-basin Planning and Assessment	\$42,150.00	\$0.00	Oregon Closed Basins

Project Description
Summary in 99-158. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-162FF	OWEB		Balance from 99-162 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 11-SEP-01	Watershed and Sub-basin Planning and Assessment	\$26,812.48	\$0.00	Northern Oregon Coastal

Project Description
Summary in 99-162. Different funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-198FF	OWEB		Balance from 99-198 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 17-JUL-01	Watershed and Sub-basin Planning and Assessment	\$30,214.75	\$0.00	Willamette

Project Description
Summary in 99-198. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-203FF	OWEB		Balance from 99-203 to FF-NOAA	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 23-AUG-01	Watershed and Sub-basin Planning and Assessment	\$35,423.59	\$0.00	Lower Columbia

Project Description
Summary in 99-203. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-276FF	OWEB		Balance from 99-276 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 14-AUG-01	Watershed and Sub-basin Planning and Assessment	\$37,826.70	\$0.00	Middle Snake-Powder

Project Description
Summary in 99-276. Different funding source. The Powder Basin WSC has excelled at maintaining diversity of opinion while creating a forum of respectful listening and speaking. The WSC serves as a coordinating mechanism within the Powder Basin, providing space for agencies, organizations and private citizens to find common ground. Recently, the WSC has drafted a watershed assessment covering 194,000 acres. This project intends to continue the process of drafting assessment and action plans for 10 priority watersheds.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-315FF	OWEB		Balance from 99-315 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 16-JUL-01	Watershed and Sub-basin Planning and Assessment	\$22,607.39	\$0.00	John Day

Project Description
Summary in 99-315. Different funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-069FF	OWEB		Balance of 99-069 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 08-JUL-01	Watershed and Sub-basin Planning and Assessment	\$17,591.53	\$0.00	Southern Oregon Coastal

Project Description
Summary in 99-069. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-096FF	OWEB		Balance of 99-096 from FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 03-SEP-01	Watershed and Sub-basin Planning and Assessment	\$3,782.85	\$0.00	Northern Oregon Coastal

Project Description
Nestucca Neskowin Watershed Council proposes to hire a Technical Assistant to work with the Council to implement the Management and Action plan based on the Watershed Analysis completed in May 1998. Design and implement a Water Quality Monitoring Strategy for use on private land in the watersheds, continue planning and implementation of riparian habitat restoration projects, and assist the Council with information and education efforts to involve more landowner in Council activities.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-120FF	OWEB		Balance of 99-120 paid from FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 05-OCT-01	Watershed and Sub-basin Planning and Assessment	\$46,711.05	\$0.00	Lower Columbia

Project Description
Summary in 99-120. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-123FF	OWEB		Balance of 99-123 paid from FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 13-SEP-01	Watershed and Sub-basin Planning and Assessment	\$18,867.94	\$0.00	Willamette

Project Description
Summary in 99-123. Different funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-310FF	OWEB		Balance of Grant 99-310 -FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	03-DEC-99 - 24-SEP-01	Watershed and Sub-basin Planning and Assessment	\$20,749.80	\$0.00	Southern Oregon Coastal

Project Description
Summary in 99-310. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-635	OWEB		Balance of Interagency 99-634	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	31-AUG-00 -	Watershed and Sub-basin Planning and Assessment	\$208,613.00	\$0.00	Oregon - Statewide

Project Description
Creation of 1:24,000 GIS mapping of streams and salmonid distribution.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-021A	OWEB		Bear Creek Watershed Council Coordinator	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 24-AUG-03	Watershed and Sub-basin Planning and Assessment	\$5,000.00	\$0.00	Southern Oregon Coastal

Project Description
Same as 201-021. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-218	OWEB		Bear Creek/Two Mile Creek Wetland Enhancement Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	21-JUN-01 - 18-JUN-03	Watershed and Sub-basin Planning and Assessment	\$11,200.02	\$0.00	Southern Oregon Coastal

Project Description
CWA is requesting assistance to hire a consultant to conduct elevational land survey work to complete designs for two projects; a wetland enhancement project, and off channel habitat project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-264	OWEB		Bureau of Reclamation-Rogue R. Engineer Position	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-JAN-00 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$75,000.00	Southern Oregon Coastal

Project Description
 Technical assist for fish passage issues in the Rogue river basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-052A	OWEB		C/O moved to 204-054A	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 29-AUG-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$0.00	Middle Columbia

Project Description
 Same as 201-052. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-028A	OWEB		Calapooia Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 29-JUL-03	Watershed and Sub-basin Planning and Assessment	\$41,131.30	\$0.00	Willamette

Project Description
 Same as 201-028. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-054A	OWEB		Carryover moved to 204-052	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 28-JUL-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$0.00	John Day

Project Description
 Same as 201-054. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-236	OWEB		Chewaucan River Paisley Town Weir Engineering and Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	09-JUL-01 - 20-MAY-03	Watershed and Sub-basin Planning and Assessment	\$40,000.00	\$0.00	Oregon Closed Basins

Project Description
 Phase I of the project will consist of hiring an engineering firm to assess the integrity of the irrigation weir, stability of the Chewaucan River channel, develop alternative solutions that will provide fish passage and screening for redband trout while fulfilling the water rights of the water users. In addition, the document shall contain engineering data with associated costs. The assessment document will then be used to select a viable alternative solution to be implemented with additional funding sources.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-038A	OWEB		Clackamas River Basin Council	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 19-AUG-03	Watershed and Sub-basin Planning and Assessment	\$6,000.00	\$0.00	Lower Columbia

Project Description
 Same as 201-038. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-539	OWEB		Coast Fork Willamette Watershed Council Coordination	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 10-OCT-01	Watershed and Sub-basin Planning and Assessment	\$47,447.40	\$0.00	Willamette

Project Description
 Fund the Coast Fork Willamette Watershed Council.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-027A	OWEB		Coast Fork Willamette WSC Coordination & Administration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 03-SEP-03	Watershed and Sub-basin Planning and Assessment	\$6,000.00	\$0.00	Willamette

Project Description
 Same as 201-027. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-101A	OWEB		Coffin Butte Acquisition/Review Appraisal	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	24-NOV-00 - 24-NOV-00	Watershed and Sub-basin Planning and Assessment	\$0.00	\$650.00	Willamette

Project Description
Review Appraisal for 200-101.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-035A	OWEB		Columbia Slough WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 09-OCT-03	Watershed and Sub-basin Planning and Assessment	\$5,950.92	\$0.00	Lower Columbia

Project Description
Same as 201-035. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-266FF	OWEB		Coordinator Funding Request	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	03-DEC-99 - 25-JUL-01	Watershed and Sub-basin Planning and Assessment	\$25,179.02	\$0.00	Willamette

Project Description
Local volunteers on the Middle Fork Willamette Watershed Council need a coordinator to assist them in their efforts to find a sustainable balance in the social, ecological, and economic issues facing their watershed. The coordinator will facilitate citizen and stakeholder involvement, work with the council to develop a mission statement and bylaws and gain local government recognition, organize public outreach/education efforts, help identify and prioritize critical watershed issues, develop and implement a work plan, coordinate development of a watershed assessment and obtain financial support for council activities.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-059A	OWEB		Coos Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$11,662.00	\$0.00	Southern Oregon Coastal

Project Description
Same as 201-059. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-115FF	OWEB		Coos WS Association - Council Support 99	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 24-SEP-01	Watershed and Sub-basin Planning and Assessment	\$4,235.00	\$0.00	Southern Oregon Coastal

Project Description
This project supports core operational costs of the 5 year old council. Council has consistently demonstrated the ability to accomplish out reach, project development and coordination among state, federal, and private interests for improved watershed health. The project supports core office operations and staff, grant writing, and incidental public information activities (e.g., flyers, room rental for visit and public meeting with NMFS).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-018A	OWEB		Coquille Watershed Council Support 200-2002	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 06-OCT-03	Watershed and Sub-basin Planning and Assessment	\$24,499.44	\$0.00	Southern Oregon Coastal

Project Description
Same as 201-018. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-043A	OWEB		Council Support Project Upper Deschutes Watershed Council	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-03 - 29-JUL-03	Watershed and Sub-basin Planning and Assessment	\$13,322.00	\$0.00	Deschutes

Project Description
Same as 201-043. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-216	OWEB		CREP Technician	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	11-JUL-01 - 10-DEC-02	Watershed and Sub-basin Planning and Assessment	\$25,000.00	\$0.00	Southern Oregon Coastal

Project Description
This project will fund a technician to promote and implement the Conservation Reserve Enhancement Program in Douglas County. The USDA Natural Resources Conservation Service and Farm Services Agency will provide an office and supplies as well as personnel support for expansion of the CREP Program in the Umpqua Basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-911	OWEB		CREP Valuation Study	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-MAY-03 - 15-JAN-03	Watershed and Sub-basin Planning and Assessment	\$8,000.00	\$0.00	Oregon - Statewide

Project Description
CREP Valuation Study

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-240	OWEB		Crooked River Restoration: Shared Hydrologist	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-JUN-01 - 26-JUN-03	Watershed and Sub-basin Planning and Assessment	\$17,250.00	\$0.00	Deschutes

Project Description
The Crooked River Watershed Council will share a new hydrologist position with the Ochoco National Forest. The hydrologist will spend one-third of their time designing council supported watershed restoration projects. The council has a backlog of priority projects with interested private landowners and has made improving technical capacity a high priority objective. The new hydrologist will also work with the interagency technical team and improve coordination of restoration efforts on public and private lands.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-042A	OWEB		Crooked River Watershed Council Coordinator Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 04-AUG-03	Watershed and Sub-basin Planning and Assessment	\$6,628.00	\$0.00	Deschutes

Project Description
Same as 201-042. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-221	OWEB		Curry Technical Assistance	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-NOV-01 - 23-SEP-03	Watershed and Sub-basin Planning and Assessment	\$28,500.00	\$0.00	Southern Oregon Coastal

Project Description
We need technical assistance for fish passage improvements, riparian assessments, and geomorphology/sediment evaluations. We cover 1/4 of the Oregon Coast.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-213	OWEB		Design/Bioengineering Assistance to 3 Watershed Councils	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-JUN-01 - 04-OCT-02	Watershed and Sub-basin Planning and Assessment	\$26,184.71	\$0.00	Lower Columbia

Project Description

There exists a critical need for bioengineering design of fish passage barrier removal and sedimentation reduction projects in each of three active watershed council areas in Columbia County. Projects in these watersheds are currently backlogged due to lack of funding for securing technical assistance and a lack of available agency technical staff.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-222	OWEB		DSWCD/UBWC Joint Technical Assistance Projects	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	10-OCT-01 - 29-JUL-02	Watershed and Sub-basin Planning and Assessment	\$36,000.00	\$0.00	Southern Oregon Coastal

Project Description

This project will provide funding for technical assistance for on- the- ground projects. The technical assistance will be provided by UBWC and DSWCD staff. The workload has been technical assistance will be used as match funding with other funding sources.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-476	OWEB		Emigrant Watershed Demonstration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 03-MAY-02	Watershed and Sub-basin Planning and Assessment	\$76,135.00	\$0.00	Southern Oregon Coastal

Project Description

Connected to 99-475. Using the OWEB watershed assessment manual, develop an "owner's manual" for three neighborhoods, containing action plans to restore local streams, and riparian, soil, and upland conditions in the Bear Creek sub-basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-547	OWEB		Fifteenmile Watershed Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 07-APR-03	Watershed and Sub-basin Planning and Assessment	\$27,266.36	\$0.00	Middle Columbia

Project Description
 Hire a Watershed Technical Specialist to produce a watershed assessment of Fifteenmile Creek based upon the Oregon Watershed Assessment Manual.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-215	OWEB		Fish Passage Permits 2001-02	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	18-JUN-01 - 12-NOV-02	Watershed and Sub-basin Planning and Assessment	\$3,650.00	\$0.00	Southern Oregon Coastal

Project Description
 This project will support County permit costs for the Council's Fish Passage and Sediment Abatement project 2001-02. This costs include: 5 Conditional Use Permits (\$300/each), 5 Flood Certifications and associated engineer costs (\$50 for cert. and approximately \$750/certification for engineering), and 5 Riparian Variances at \$50 each to be paid to Coos County.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-065	OWEB		Fishery Biologist Support 2001-2003	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-JUN-01 - 15-APR-02	Watershed and Sub-basin Planning and Assessment	\$20,000.00	\$0.00	Southern Oregon Coastal

Project Description
 This project proposes to continue the funding for Sam Dunnavant, ODFW/UBWC fish biologist, from April 1, 2001 through June 30, 2003. Sam was first funded by a watershed council originating NMFS/OWEB grant #97-901 in May, 1998. A follow-up OWEB grant #99-021 was requested and approved in 1999 and is still in affect. This grant fell short of funding Sam through the 99-01 biennium due to a pay raise and cola adjustments, consequently the need to add the period April through June, 2001 to this new proposal.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-405A	OWEB		FSOS Technical Assistance Clearing House	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	31-JUL-01 - 16-JUL-03	Watershed and Sub-basin Planning and Assessment	\$25,905.70	\$0.00	Oregon - Statewide
Project Description					
Develop model for technical assistance.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-405	OWEB		FSOS Technical Assistance Clearing House	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	31-JUL-01 - 23-JUL-02	Watershed and Sub-basin Planning and Assessment	\$4,086.30	\$0.00	Oregon - Statewide
Project Description					
Develop model for technical assistance.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-900A	OWEB		Funding for Regional Priorities	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-03 -	Watershed and Sub-basin Planning and Assessment	\$18,000.00	\$0.00	Oregon - Statewide
Project Description					
Develop statewide funding priorities					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-900A	OWEB		Funding for Regional Priorities	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$12,000.00	\$0.00	Oregon - Statewide
Project Description					
Develop statewide funding priorities					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-900	OWEB		Funding for Regional Priorities	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-MAR-03 -	Watershed and Sub-basin Planning and Assessment	\$50,000.00	\$0.00	Oregon - Statewide
Project Description					
Develop statewide funding priorities					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-900B	OWEB		Funding for Regional Priorities	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	-	Watershed and Sub-basin Planning and Assessment	\$70,000.00	\$0.00	Oregon - Statewide
Project Description					
Develop statewide funding priorities					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-631B	OWEB		Funds Moved from GF to Lottery(per legislature)	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-SEP-00 - 14-NOV-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$134,363.05	Oregon - Statewide
Project Description					
Mapping of Anadromous Salmonids.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-243	OWEB		Gilliam/Morrow Conservation Technical Assistance	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	24-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$33,000.00	John Day
Project Description					
A Conservation Technician will be hired and equipment purchased or leased to respond to landowner requests for technical assistance on Animal Feeding Operations and/or winter feeding area re-locations in Gilliam County and western Morrow County. Technician assists landowners in securing financial resources using CCRP and CREP for project implementation. This grant and a similar request from Umatilla SWCD are a basin-wide effort to address an expanding awareness of the requirements of the federal Clean Water Act.					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-057A	OWEB		Grande Ronde Model Watershed Program Administration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 21-MAR-03	Watershed and Sub-basin Planning and Assessment	\$2,781.00	\$0.00	Lower Snake

Project Description
Same as 201-057. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-039A	OWEB		Greater Salem Area WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 15-OCT-03	Watershed and Sub-basin Planning and Assessment	\$6,000.00	\$0.00	Willamette

Project Description
Same as 201-039. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-049A	OWEB		Harney County Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 20-NOV-03	Watershed and Sub-basin Planning and Assessment	\$2,781.00	\$0.00	Oregon Closed Basins

Project Description
Same as 201-049. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-130	OWEB		Hay/Scott Canyon WS Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-SEP-01 - 28-JUL-03	Watershed and Sub-basin Planning and Assessment	\$21,399.57	\$0.00	John Day

Project Description
The Hay/Scout Canyon working group has identified goals and concerns and inventoried what has previously been done in their watershed. They have requested that a watershed assessment be done which will identify key resource issues and values, evaluate the physical, biological and ecological processes effecting the resources and recognizes concerns and opportunities, and what can be and needs to be done in a systematic disciplined approach.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-362	OWEB		Henry Cr. WS Mgt. & Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-DEC-00 - 30-MAY-03	Watershed and Sub-basin Planning and Assessment	\$22,000.00	\$0.00	Willamette

Project Description

This proposal is designed to supplement the Yamhill Basin Plan. The City of Lafayette, as with many other Oregon municipalities, is faced with limited financial and water resources and unprecedented growth. When these issues converged on the City, it felt compelled to clear-cut 1/3 of its 124 acre watershed in order to obtain needed funds to comply with Health Dept requirements of its water system. With the help of a Citizens Advisory Board and based on previous studies, this proposal seeks to integrate development and environmental protection. The project will enable the City to assess the condition of its watershed, develop a plan to evaluate, manage and monitor the watershed's natural functions, and make informed decisions on future activities.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-550	OWEB		Hood River County Forestry Dept Forest Road Inventory	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 31-JUL-01	Watershed and Sub-basin Planning and Assessment	\$8,685.24	\$0.00	Middle Columbia

Project Description

Fund a field crew to assess roads for existing and potential sediment delivery and fish passage barriers. Establish road maintenance priorities in relation to fish and water resources.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-062FF	OWEB		Hood River WS Group Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 31-JUL-01	Watershed and Sub-basin Planning and Assessment	\$8,589.65	\$0.00	Middle Columbia

Project Description

This project is to continue to fund a full-time coordinator for the Hood River Watershed Group (HRWG) and provide associated watershed council support for 2 years. The Coordinator will plan and conduct monthly council meetings, complete a Watershed Action Plan based on the Watershed Assessment in progress, conduct education and outreach activities, organize volunteer labor and assist on-the-ground projects, provide linkages among agencies and individuals in the watershed, and develop cooperative proposals for restoration and protection projects consistent with the Assessment and Action Plan.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-040	OWEB		Illinois Valley Ground Water Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	19-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$86,609.00	\$0.00	Southern Oregon Coastal

Project Description

Assess the ground water resource in the Illinois Valley with the intent to identify useable quantities of ground water which will allow us to achieve the following three goals: 1) removal of pushup dams in priority streams, 2) increase surface water flows to priority streams, and 3) increase irrigation efficiency through the use of pressurized irrigation systems.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-220	OWEB		Illinois Valley Technical Assistance	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	19-JUL-01 - 22-AUG-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$32,000.00	Southern Oregon Coastal

Project Description

This project proposes to complete 3 Resource Management System (RMS) Plans to NRCS standards and specifications, complete the final design for an alternative to a push-up dam project, survey and certified water rights work for 2 other alternative to push-up dam projects. The RMS plans are being written for 3 landowners involved in an alternative to push-up dam project funded by OWEB.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-017A	OWEB		Illinois Valley Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$5,000.00	\$0.00	Southern Oregon Coastal

Project Description

Same as 201-017. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-540	OWEB		Integratd Assessmnt of Watershd Conditions in Eug-Spfd area	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 29-NOV-02	Watershed and Sub-basin Planning and Assessment	\$64,075.00	\$0.00	Willamette

Project Description
 Assess watershed conditions within the Eugene-Springfield metropolitan area. This project will fill in the urban gaps of on-going or recently completed assessments by the Long Tom and McKenzie Watershed Councils.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-633	OWEB		Interagency- Lower Columbia River Estuary Program.	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-SEP-00 - 13-SEP-01	Watershed and Sub-basin Planning and Assessment	\$0.00	\$192,000.00	Lower Columbia

Project Description
 Lower Columbia River Estuary Program.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-632	OWEB		Interagency- Mapping 303(d) Streams	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 07-FEB-01	Watershed and Sub-basin Planning and Assessment	\$0.00	\$12,000.00	Oregon - Statewide

Project Description
 Mapping of 303(d) Streams.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-631	OWEB		Interagency- Mapping of Anadromous Salmonids	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-SEP-00 - 14-NOV-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$15,636.95	Oregon - Statewide

Project Description
 Mapping of Anadromous Salmonids.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-636	OWEB		Interagency-DSL Urban Wetlands Inventory	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	22-JAN-01 -	Watershed and Sub-basin Planning and Assessment	\$250,000.00	\$0.00	Oregon - Statewide

Project Description
Pass-through grants to local governments for wetland and riparian inventory and mapping to assist local planning and conservations actions.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-634	OWEB		Interagency-GIS Mapping (Balance on Grant 99-635)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	31-AUG-00 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$41,387.00	Oregon - Statewide

Project Description
Creation of 1:24,000 GIS mapping of streams and salmonid distribution.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-638	OWEB		Interagency-NMFS ESA Coordination	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	19-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$178,803.76	\$0.00	Oregon - Statewide

Project Description
OWEB to provide a position located at NMFS to expedite the implementation of voluntary restoration activities.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-637	OWEB		Interagency-ODFW Spawning Survey	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	29-JAN-01 - 03-OCT-01	Watershed and Sub-basin Planning and Assessment	\$63,929.66	\$0.00	Southern Oregon Coastal

Project Description
Fish monitoring to estimate fish populations in the Rogue and South Coast Basins to evaluate the effectiveness of watershed restoration projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-630	OWEB		Interagency-PSU Invasive Species Mgt / Education-Training	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 13-NOV-02	Watershed and Sub-basin Planning and Assessment	\$134,656.69	\$0.00	Oregon - Statewide

Project Description
Develop a comprehensive Invasive Species Mgt Plan for Oregon, Provide tech assistance and training for volunteers on monitoring projects.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-265	OWEB		Irrigation Engineer Salary in Medford Service Center	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-SEP-99 - 12-JUL-01	Watershed and Sub-basin Planning and Assessment	\$32,111.75	\$0.00	Southern Oregon Coastal

Project Description
Fund irrigation engineer in Medfors service center for the 2001 fiscal year

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-355	OWEB		Jackson Ck WS Assessment & Action Plan Demo	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 -	Watershed and Sub-basin Planning and Assessment	\$37,072.00	\$0.00	Southern Oregon Coastal

Project Description
<p>This project will provide a demonstration model for urban/rural stream restoration and public outreach strategy for stream restoration and enhancement projects in the Bear Creek Basin. Urban development along streams in the basin compel the applicant to direct efforts promptly to address watershed and aquatic demands along these reaches. This project will complete a watershed assessment/action plan and public outreach strategy for Jackson Creek, a priority tributary of Bear Creek as designated by the Bear Creek Watershed Council and TMDL committee. The assessment and action plan will be Phase 1 of a three phase project. The Action Plan will focus on a "reach based" approach to stream restoration. The Rogue Valley Council of Governments with funding from DEQ/EPA 319, is completing a hydrological assessment of Jackson creek. This information will be used in completing the watershed assessment and action plan.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-468	OWEB		Johnson Creek Action Plan	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-FEB-02 -	Watershed and Sub-basin Planning and Assessment	\$46,513.00	\$0.00	Lower Columbia

Project Description
 This project will develop the first integrated assessment and action plan for the Johnson Creek watershed using the Oregon Watershed Assessment Manual. The project will compile existing information as a baseline, identify data gaps, develop prioritized restoration/protection action items and a list of projects, and develop landowner/stakeholder funding partnership strategies. OWEB funds are requested for a part-time project manager, technical consultation, office supplies, postage, printing, general production, maps and workshops.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-032A	OWEB		Johnson Creek Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 16-OCT-03	Watershed and Sub-basin Planning and Assessment	\$6,000.00	\$0.00	Lower Columbia

Project Description
 Same as 201-032. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-061FF	OWEB		Johnson Crk WS Council Coord Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 30-JUL-01	Watershed and Sub-basin Planning and Assessment	\$16,051.88	\$0.00	Willamette

Project Description
 The Johnson Creek Watershed Council has conducted a prioritized planning process which identified the need to increase public awareness and stakeholder involvement, expand watershed partnerships, and diversify Council financial support with the assistance of paid staff. Expanded resources will be utilized to address significant watershed challenges such as water quality, threatened species, flooding, and habitat restoration through integrated strategies involving local jurisdictions and stakeholders.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-475	OWEB		Keene Creek Watershed Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$7,000.00	Southern Oregon Coastal

Project Description
Using the OWEB watershed assessment manual, develop an "owner's manual" for three neighborhoods, containing action plans to restore local streams, and riparian, soil, and upland conditions in the Bear Creek sub-basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-475A	OWEB		Keene Creek Watershed Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$6,780.80	Southern Oregon Coastal

Project Description
Using the OWEB watershed assessment manual, develop an "owner's manual" for three neighborhoods, containing action plans to restore local streams, and riparian, soil, and upland conditions in the Bear Creek sub-basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-085A	OWEB		Klamath WS Council Coordinator	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-99 - 05-NOV-01	Watershed and Sub-basin Planning and Assessment	\$6,868.30	\$0.00	Klamath

Project Description
This project will provide a watershed council coordinator and general financial support for the Klamath Watershed Council and the seven-associated sub basin working groups.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-567	OWEB		Lake County Watershed Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 04-SEP-01	Watershed and Sub-basin Planning and Assessment	\$20,590.21	\$0.00	Oregon Closed Basins

Project Description
Fund a Lake County Watershed Coordinator to help three local watershed councils complete watershed assessments and secure funding for restoration projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-100A	OWEB		Land Acquisition West Eugene Wetlands/Review Appraisal	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	28-NOV-00 - 28-NOV-00	Watershed and Sub-basin Planning and Assessment	\$0.00	\$1,710.00	Willamette
Project Description					
Review Appraisal for 200-100.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-135A	OWEB		Land Acquisitions at Sycan, Upper Sycan and Klamath/Review Ap	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-FEB-01 - 07-FEB-01	Watershed and Sub-basin Planning and Assessment	\$0.00	\$630.00	Klamath
Project Description					
Review Appraisal for 200-135.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-041	OWEB		Little Butte Creek Assessment	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$58,625.15	\$0.00	Southern Oregon Coastal
Project Description					
The original LBCW Assessment was completed in 1994 and has been our basis for project development and implementation since that time. It is a sound document as far as it goes, however since that time the Oregon Watershed Assessment Manual has been developed using science-based components that we now need to add to our original Assessment/Action plan for more in-depth analysis on which to determine the priority of our work. This product will be fully digitized and available on CD ROM.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-023A	OWEB		Little Butte Creek Watershed Council Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 09-OCT-03	Watershed and Sub-basin Planning and Assessment	\$5,000.00	\$0.00	Southern Oregon Coastal
Project Description					
Same as 201-023. Change in funding source.					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-226	OWEB		Long Tom Fish Passage and Culvert Assesment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$12,620.00	\$0.00	Willamette

Project Description
 The technical assistance requested for this project will result in the development of analysis and design specifications that will allow fish passage from the historic Long Tom River near Ferguson Creek into the current mainstem of the Long Tom. The project will also develop solutions to prevent flooding on productive agricultural lands along the historic Long Tom channel.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-738	OWEB		Long Tom Watershed Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-AUG-02 - 30-OCT-03	Watershed and Sub-basin Planning and Assessment	\$1,000.00	\$0.00	Willamette

Project Description
 Assessment for the Long Tom

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-030A	OWEB		Long Tom Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 29-SEP-03	Watershed and Sub-basin Planning and Assessment	\$6,000.00	\$0.00	Willamette

Project Description
 Same as 201-030. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-153	OWEB		Lostine Watershed Assessment	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	11-SEP-01 -	Watershed and Sub-basin Planning and Assessment	\$32,500.00	\$0.00	Lower Snake

Project Description
 This application requests funding to complete a Watershed Analysis in the Lostine River Watershed. The analysis will be completed utilizing the "Oregon Watershed Assessment Manual" guidelines. The funds requested will be used for assessment of private lands within the Lostine drainage.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-028	OWEB		Lower Nehalem WSC RARE/Technical Ast	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-MAR-01 - 28-MAR-02	Watershed and Sub-basin Planning and Assessment	\$18,906.09	\$0.00	Northern Oregon Coastal

Project Description
 This project would fund a second year of community assistance by a RARE intern. The RARE intern would develop an action plan according to established priorities and time lines. In addition, assistance is necessary to manage the Nehalem assessment GIS data base, Collect new watershed health related data, perform routine outreach tasks, recruit volunteers and tend to daily council affairs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-208	OWEB		Lower Nehalem-Survey and Design-Fish Passage and Estuary Re	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-JUN-01 - 02-DEC-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$6,325.00	Northern Oregon Coastal

Project Description
 In the north coast natural resource agencies are unable to meet the growing needs of watershed councils to survey sites and engineer restoration design solutions. The LNWC seeks OWEB support for funding to cover costs of hiring survey crew/s and restoration design engineer/s to develop 5 biddable plans to remove barriers to fish passage to high priority stream reaches and develop 3 design options for public review for restoring 200 acres of estuary habitat in the Gallagher Slough.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-013A	OWEB		Lower Rogue Watershed Council Coordinator 2001-2003	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 03-OCT-03	Watershed and Sub-basin Planning and Assessment	\$5,000.00	\$0.00	Southern Oregon Coastal

Project Description
 Same as 201-013. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-740	OWEB		Luckiamute WS Council Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-SEP-02 - 21-NOV-03	Watershed and Sub-basin Planning and Assessment	\$381.52	\$0.00	Willamette

Project Description
Start up cost for the Luckiamute watershed council.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-259	OWEB		Macro-Invertebrate Study B	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 -	Watershed and Sub-basin Planning and Assessment	\$27,005.00	\$0.00	Northern Oregon Coastal

Project Description
This project is 2 & 3 of a baseline monitoring project (GWEB Grant #99-128) initiated in the summer of 1999. Using the Level III Oregon Plan for Salmon and Watersheds Stream Macro-invertebrate Protocol, the project will establish baselines for water quality in the Mid Coast basins. These baselines will be used to assess the effectiveness of restoration activities by comparing invertebrate communities at pre-and post-restoration sites with those at minimally impacted reference sites. Sites will be randomly selected using the Oregon Plan's EMAT design currently being utilized by ODFW and ODEQ. Sites of particular interest will be selected as well. Guidance by DEQ will insure that the data obtained can be integrated into DEQ's existing database.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-051B	OWEB		Malheur WSC Support C/O 01-03	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$8,000.00	\$0.00	Oregon Closed Basins

Project Description
2003-05 Council Support for Malheur WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-051A	OWEB		Malheur-Owhyhee WSC Coordinator & Technical Support	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 08-SEP-03	Watershed and Sub-basin Planning and Assessment	\$2,781.00	\$0.00	Middle Snake-Boise

Project Description
Same as 201-051. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-057FF	OWEB		Malheur-Owyhee WS Council Coord & Tech Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 10-OCT-01	Watershed and Sub-basin Planning and Assessment	\$9,460.41	\$0.00	Oregon Closed Basins

Project Description
The coordinator will facilitate and provide technical support to the Malheur-Owyhee Watershed Council, the Bully Creek Watershed Coalition and the Local Advisory Group. (SB 1010 plan development). Duties include: 1) implementing the Malheur and the Bully Creek Action Plans, 2) continue water quality monitoring and assessment of the Malheur River Drainage, 3) begin formation of the Owyhee component of the Council, 4) perform outreach for public awareness of watershed health issues, 5) pursue funding for projects, water quality monitoring, and PFC assessment in Bully Creek, and 6) facilitate project implementation with BCWC and MOWC members, and the BLM.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-024B	OWEB		Mary's River WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 02-JUL-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$0.00	Willamette

Project Description
Same as 201-024. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-093	OWEB		McKenzie- Willamette River Habitat River Enhancement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	21-MAR-01 - 30-JUL-02	Watershed and Sub-basin Planning and Assessment	\$105,589.16	\$0.00	Willamette

Project Description

The McKenzie Watershed Council, in collaboration with local aggregate operators and other interests, is engaged in a comprehensive process to enhance/protect the aquatic and riparian-flood plain habitat adjacent to the confluence area of the McKenzie and Willamette rivers. The proposed project will build on completed fish & wildlife habitat and hydraulic assessments to develop, and begin to implement, a comprehensive and coordinated action/monitoring plan for enhancing fish and wildlife habitat in the area.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 98-254A	OWEB		Miami River WS Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-JAN-99 - 12-FEB-02	Watershed and Sub-basin Planning and Assessment	\$1,570.80	\$0.00	Northern Oregon Coastal

Project Description

A watershed assessment for the Miami River Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-433	OWEB		MidCoast Rapid Bioassessment Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 30-MAY-02	Watershed and Sub-basin Planning and Assessment	\$134,251.00	\$0.00	Northern Oregon Coastal

Project Description

Fund the third year of a stream survey in the mid-coast region characterizing juvenile wild coho populations to identify areas important for juvenile salmonid rearing. Information on steelhead, chinook, and cutthroat will s also be acquired.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-541	OWEB		Middle and Lower Reach North Santiam Rvr Watershd Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 29-AUG-02	Watershed and Sub-basin Planning and Assessment	\$59,994.30	\$0.00	Willamette

Project Description
 Assess the lower two reaches of the North Santiam Watershed from Big Cliff Dam west to the confluence with the Willamette River. Collect water quality information. Assessment will be based on available data, and the new water quality information.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-095	OWEB		Middle Fork Willamette WSA (balance in 201-556)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	05-JAN-01 - 12-DEC-02	Watershed and Sub-basin Planning and Assessment	\$82,847.00	\$0.00	Willamette

Project Description
 The assessment will help the council fill primary existing data gaps by focusing on the lower 13% of the watershed, which is largely privately owned land along the mainstem river and lower reaches of the 2 major tributaries entering below Dexter reservoir. Results will directly support 4 of the council's 9 goals. Filling this gap is essential to future completion of a comprehensive integrated assessment of the entire watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-036A	OWEB		Middle Fork Willamette WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 13-AUG-03	Watershed and Sub-basin Planning and Assessment	\$6,000.00	\$0.00	Willamette

Project Description
 Same as 201-036. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-299FF	OWEB		Middle Rogue WC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JAN-00 - 17-SEP-01	Watershed and Sub-basin Planning and Assessment	\$3,862.88	\$0.00	Southern Oregon Coastal

Project Description
This grant will provide full-time staff to the newly reformed Middle Rogue Watershed Council. The coordinator will assure the development of solid projects to implement the Action Plan due to be completed in the coming year and coordinate monitoring of completed projects. The coordinator will also help develop and implement a community involvement and education program including: an education needs assessment and clearinghouse, educational events such as workshops and tours, cleanups, newsletter, outreach volunteer recruitment and training and membership development. Staff will help develop partnerships and a technical advisory group to assure project success and effectiveness.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 98-324A	OWEB		Middle Rogue WS Assessment/Action Plan	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	29-APR-99 - 27-AUG-03	Watershed and Sub-basin Planning and Assessment	\$683.06	\$0.00	Southern Oregon Coastal

Project Description
Middle Rogue WS Assessment/Action Plan

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-020A	OWEB		Middle Rogue WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 05-SEP-03	Watershed and Sub-basin Planning and Assessment	\$5,000.00	\$0.00	Southern Oregon Coastal

Project Description
Same as 201-020. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-233	OWEB		Millican Creek Fish Passage Design	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUN-01 - 12-APR-02	Watershed and Sub-basin Planning and Assessment	\$7,100.00	\$0.00	Willamette

Project Description

Millican Creek drains a small watershed (about 2500) into the Yamhill River south of Lafayette. There are two fish barriers which prohibit movement of winter steelhead and cutthroat trout. One is located at the Oak Springs Farm Road crossing which was rated as a medium priority by ODFW for replacement. The second is on private land 0.6 miles upstream and is an old mill pond dam with an eleven foot drop in elevation. This proposal would provide resources to design fish passage alternatives for these sites which would open over 6 miles of stream for fish. Yamhill Basin council, Yamhill SWCD, and Yamhill county Public Works will seek funding to implement the project designs that are developed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-241	OWEB		Morrow/Umatilla Conservation Technical Assistance	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	19-JUN-01 -	Watershed and Sub-basin Planning and Assessment	\$27,000.00	\$0.00	Middle Columbia

Project Description

A Conservation Technician will be hired and survey equipment purchased to address backlog of landowner requests for assistance on Animal Feeding Operations and/or winter feeding operation re-locations in Umatilla County and 1/2 Morrow County and assist landowners to access potential funding sources such as CCRP and CREP for project implementation. This Grant and a similar request from Gilliam SWCD are a basin-wide effort to address an expanding awareness of the requirements of the federal Clean Water Act.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-808	OWEB		Natural Heritage Program - NOAA FF	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	30-AUG-00 - 18-OCT-01	Watershed and Sub-basin Planning and Assessment	\$233,318.94	\$0.00	Oregon - Statewide

Project Description

Development of endangered species data, watershed assessment, and technical assistance to watershed councils by the Oregon Natural Heritage Program.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-004A	OWEB		Nehalem Watershed Health - Upper & Lower Council Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 30-OCT-03	Watershed and Sub-basin Planning and Assessment	\$6,150.00	\$0.00	Northern Oregon Coastal

Project Description
Same as 201-004. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-369	OWEB		Neskowin Floodplain Assessment	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 07-OCT-02	Watershed and Sub-basin Planning and Assessment	\$9,000.00	\$0.00	Northern Oregon Coastal

Project Description
The purpose of this proposal is to initially assess the feasibility of restoring historic flows in Neskowin, Butte, Hawk and Meadow Creeks of the Neskowin Watershed. Recent flood events have raised a concern of the effectiveness of engineered structures in the flood plain. This study would evaluate historic and current surface water flow patterns and natural and man- made factors affecting flow patterns within the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-025	OWEB		NF Siuslaw River Channel Migration and Riparian	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	11-JUN-01 - 19-AUG-02	Watershed and Sub-basin Planning and Assessment	\$15,625.00	\$0.00	Willamette

Project Description
Complete an historic aerial photo assessment of changes in stream channel sinuosity, length and meander pattern and associated riparian vegetation over time (1936-2000). The characterization will identify areas where the stream has been straightened and shortened, pattern of stream movement, dynamics of the channel and identification of factors causing the current degradation (bank erosion and down cutting) of the stream channel. A proposal for restoration of the area will provided.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-052B	OWEB		North Fork John Day WSC Support C/O 01-03	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$7,974.00	\$0.00	John Day

Project Description
2003-05 Council Support for North Fork John Day WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-008FF	OWEB		North Santiam Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 20-JUL-01	Watershed and Sub-basin Planning and Assessment	\$9,643.28	\$0.00	Willamette

Project Description
This project will assist the North Santiam Watershed Council advance its goals to: Build Council structure and organization through the newly formed Steering Committee and four Standing committees: Data, Education, Planning & Implementation, Newsletter/Web site. Acquire funding for, and oversee, a Watershed Assessment. Identify and develop one or more landowner education/outreach project. Research and develop a "Draft" Coordinated Water Quality Monitoring Strategy, and secure funding to implement it.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-025A	OWEB		North Santiam Watershed Council Support & Coordination Grant	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 09-OCT-03	Watershed and Sub-basin Planning and Assessment	\$6,000.00	\$0.00	Willamette

Project Description
Same as 201-025. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-030B	OWEB		North Santiam WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$19,262.10	\$0.00	Willamette

Project Description
2003-05 Council Support for North Santiam WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-904	OWEB		Oregon Riparian Assessment Framework PSC	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	29-AUG-02 - 30-SEP-02	Watershed and Sub-basin Planning and Assessment	\$3,187.50	\$0.00	Oregon - Statewide

Project Description
PSC for the development of the Oregon Riparian Assessment framework document

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-103A	OWEB		Owens Farm/Jackson & Fraizer Creeks Acq/Review Appraisal	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-NOV-00 - 13-JUN-01	Watershed and Sub-basin Planning and Assessment	\$0.00	\$1,560.00	Willamette

Project Description
Review Appraisal for 200-103.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-055A	OWEB		Powder Basin Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 09-SEP-03	Watershed and Sub-basin Planning and Assessment	\$2,781.00	\$0.00	Middle Snake-Powder

Project Description
Same as 201-055. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-057B	OWEB		Powder Basin WSC Support C/O 01-03	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$6,917.00	\$0.00	Middle Snake-Powder

Project Description
2003-05 Council Support for Powder Basin WSC

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-183	OWEB		Project Engineering Wallowa Lake Dam Rehabilitation	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	05-JAN-01 - 05-MAR-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$70,000.00	Lower Snake

Project Description

This important regional project involves providing the engineering analysis for completion of substantial improvements to the existing Dam, which are critical to ensure the continued operation of the Dam. The Dam suffers from 95 years of normal wear and tear, resulting in the deterioration of the surface and cracks working their way into the structure. Left unchecked eventually water will begin leaking through the dam and the rate of deterioration will increase rapidly.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-627	OWEB		PSC - Watershed Assessment Manual	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	10-MAY-00 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$41,567.00	Oregon - Statewide

Project Description

Watershed Assessment Manual

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-628	OWEB		Pudding River Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-00 - 18-SEP-01	Watershed and Sub-basin Planning and Assessment	\$0.00	\$1,044.00	Oregon - Statewide

Project Description

Watershed council support for Pudding river.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-172	OWEB		Pudding River WS Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-JAN-02 - 03-SEP-02	Watershed and Sub-basin Planning and Assessment	\$62,250.00	\$0.00	Willamette

Project Description

Obtain a full time coordinator to assist the watershed council in implementing an annual work plan, developing an educational outreach program, and assessing water quality monitoring needs in the watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-031B	OWEB		Pudding River WSC Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$7,375.00	\$0.00	Willamette

Project Description
2003-05 Council Support for Pudding River WSC

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-105FF	OWEB		Request from 99-105 to FF-NOAA	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 19-SEP-01	Watershed and Sub-basin Planning and Assessment	\$86,268.68	\$0.00	Lower Columbia

Project Description
Summary in 99-105. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-234FF	OWEB		Request from 99-234 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 10-OCT-01	Watershed and Sub-basin Planning and Assessment	\$30,808.63	\$0.00	Southern Oregon Coastal

Project Description
Summary in 99-234. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-255FF	OWEB		Request from 99-255 to FF-NOAA	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 25-JUL-01	Watershed and Sub-basin Planning and Assessment	\$25,323.61	\$0.00	Willamette

Project Description
Summary in 99-255. Different funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-348FF	OWEB		Request from 99-348 to FF-NOAA	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 23-JUL-01	Watershed and Sub-basin Planning and Assessment	\$72,420.48	\$0.00	Lower Snake

Project Description
Summary in 99-348. Different funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-104FF	OWEB		Rickreall Basin Council Support-Bal in 99-104FF	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 02-AUG-01	Watershed and Sub-basin Planning and Assessment	\$25,865.69	\$0.00	Willamette

Project Description
The Watershed Coordinator will assist the Glenn/Gibson and Rickreall Watershed Councils advance its goals of: Build Council structure and organization through a steering committee from the Watershed Councils, acquire funding for, and oversee Watershed Assessments, identify projects of high visibility for community involvement, outreach, and education. Develop watershed action plans using council goals and objectives.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-040A	OWEB		Rickreall WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 16-JAN-03	Watershed and Sub-basin Planning and Assessment	\$6,000.00	\$0.00	Willamette

Project Description
Same as 201-040. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-617	OWEB		Rogue Basin Restoration Technical Team/Pool	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 05-OCT-02	Watershed and Sub-basin Planning and Assessment	\$69,428.03	\$0.00	Southern Oregon Coastal

Project Description
Build on the habitat assessments of coho core habitat areas and index steelhead streams by the nine watershed councils in the Rogue and South Coast Basins to develop ecologically sound prioritization criteria for watershed health needs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-489	OWEB		Rogue Basin Streamflow Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 01-MAY-03	Watershed and Sub-basin Planning and Assessment	\$25,636.13	\$0.00	Southern Oregon Coastal

Project Description
Measure streamflows in the Rogue Basin during the low flow season to assist in establishing restoration priorities, developing TMDL models, and supporting ongoing watershed temperature studies.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-100FF	OWEB		S Santiam WSC Coordinator(Bal of 99-100)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-99 - 08-AUG-01	Watershed and Sub-basin Planning and Assessment	\$12,314.61	\$0.00	Willamette

Project Description
The project will advance the following South Santiam Watershed Council goals over the next two years: (1) Continue to implement conservation projects, developed in partnership with landowners and residents, which improve water quality and restore fish and wildlife habitat; (2) Continue and expand water quality monitoring program involving high schools and citizens; (3) Coordinate volunteer activities, (4) provide support for council operations and action plan; (5) Continue and expand public understanding of watershed issues through education programs; (6) Implement the South Santiam Watershed Council Action Plan and recommendations developed from the watershed assessment; and (7) Conduct outreach programs in the sub-basins.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-209	OWEB		Samson Creek Fish Passage Phase 1	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	25-JUN-01 - 28-MAY-02	Watershed and Sub-basin Planning and Assessment	\$10,549.50	\$0.00	Northern Oregon Coastal

Project Description
Compliance with the OWEB review team recommendation to prior Samson Creek Fish Passage grant application will require an Engineer's design for proper culvert replacement. The project will be two phase, phase I -Engineering and design and phase II-replacement to allow coho, chinook, chum, steelhead, and cutthroat adult and juvenile passage at all times and all flows. Partners include Tillamook County Public Works & Performance Partnership, ODFW, watershed council members and private landowners.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-521	OWEB		Sandy River Basin Watershed Council Coord Support Proj	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 06-SEP-01	Watershed and Sub-basin Planning and Assessment	\$35,912.92	\$0.00	Lower Columbia

Project Description
Fund a full-time coordinator, part-time clerical assistant, and office overhead for the Sandy River Basin Watershed Council.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-033A	OWEB		Sandy River Basin WSC Coordinator Support Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$6,000.00	\$0.00	Lower Columbia

Project Description
Same as 201-033. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-229	OWEB		Scappoose Bay Fish Barrier Passage Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-JUL-01 - 16-AUG-02	Watershed and Sub-basin Planning and Assessment	\$39,600.00	\$0.00	Lower Columbia

Project Description
The purpose of this project is to develop engineering designs for the top ten fish passage barriers as prioritized in the Comprehensive Assessment of Fish Passage Barriers in the Scappoose Bay Watershed report. These engineering designs will be used to obtain funding to restore fish passage to many miles of streams in this watershed. A technical advisor team of agency experts and stakeholders will develop and review all aspects of this project.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-031A	OWEB		Scappoose Bay WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 14-JUL-03	Watershed and Sub-basin Planning and Assessment	\$40,002.09	\$0.00	Lower Columbia

Project Description
Same as 201-031. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-004FF	OWEB		Sherman/Wasco County Watershed Council Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 11-SEP-01	Watershed and Sub-basin Planning and Assessment	\$7,200.00	\$0.00	Deschutes

Project Description

The Watershed Council Coordinator will be responsible for assisting all watershed councils administered through the Sherman or Wasco County Soil and Water Conservation Districts. Duties will include organizing meetings, distributing minutes and other mailings, applying for funds, monitoring, coordinating technical assistance, collecting information, and other administrative tasks. With the assistance of the SWCDs and other agencies, watershed councils represent stakeholders, including landowners, BLM, ODFW, cities, counties, tribes, etc., and set policy for their various watershed management projects.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-256	OWEB		Siuslaw Evaluation and Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 10-SEP-03	Watershed and Sub-basin Planning and Assessment	\$81,263.36	\$0.00	Northern Oregon Coastal

Project Description

This grant would fund two highly trained former members of the "Hire the Fisher Jobs in the Woods" Programs, to do restoration, data collection in the Siuslaw Watershed. If suitable workers from those organizations are not available, positions will be open to other qualified candidates. Surveyors will be collecting data needed for watershed assessment work being conducted by any agency or group using the OWEB "Draft Watershed Assessment Manual". Primary focus will be on private lands. Workers will use ODFW protocols for Aquatic Habitat Inventory and Spawn Surveys. They will also work closely with Siuslaw Watershed Council, other agencies, and private landowners within the watershed doing in-stream and riparian restoration work. Approximately 40% of time will be spent on spawn surveys, 40% on Aquatic Inventory and 20% on in stream and riparian restoration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-422	OWEB		Siuslaw Watershed Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 24-MAY-02	Watershed and Sub-basin Planning and Assessment	\$106,525.00	\$0.00	Northern Oregon Coastal

Project Description

Fund an assessment of the Siuslaw River Watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-005A	OWEB		Siuslaw Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 24-SEP-03	Watershed and Sub-basin Planning and Assessment	\$6,500.00	\$0.00	Northern Oregon Coastal

Project Description
 Same as 201-005. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-352	OWEB		Slate Ck WS Assessment & Action Plan	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 28-JAN-03	Watershed and Sub-basin Planning and Assessment	\$60,721.33	\$0.00	Southern Oregon Coastal

Project Description
 In cooperation with the Bureau of Land Management and US Forest Service, the Applegate River Watershed Council will conduct a watershed assessment and develop an action plan for the Slate Creek sub-watershed. Slate Creek has been identified as a "core area" for fall chinook salmon in the Oregon Plan, a "core area" for coho salmon by the Governor's Salmon Recovery Science Team, and also supports populations of steelhead and resident trout. Areas of Slate Creek Watershed are receiving heavy development pressures as this region is located near the growing city of Grants Pass, and the watershed is transected by a major highway route between the Rogue Valley and OR/CA coast (Hwy 199). The assessment will follow the Oregon Watershed Assessment, Manual, as well as meet watershed analysis requirements of BLM and USFS. The BLM and USFS are planning to update past watershed analysis, and voiced a strong interest in cooperating on this project, which will also serve to strengthen future cooperative restoration efforts resulting from this assessment/action plan. The assessment is also part of the Watershed Council's plan to conduct detailed assessments at the sub-watershed level acting to update the Applegate River Watershed Assessment(1994).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-022A	OWEB		South Coast Watershed Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 17-JUL-03	Watershed and Sub-basin Planning and Assessment	\$5,000.00	\$0.00	Southern Oregon Coastal

Project Description
 Same as 201-022. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-460	OWEB		South Coast Watershed's Streamflow Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 08-APR-02	Watershed and Sub-basin Planning and Assessment	\$20,768.00	\$0.00	Southern Oregon Coastal

Project Description
Assess stream flows during the low flow seasons in the South Coast Watersheds to assist in establishing restoration priorities, developing TMDL models, and supporting ongoing temperature studies.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-037A	OWEB		South Santiam Watershed Council (SSWC) Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 14-AUG-03	Watershed and Sub-basin Planning and Assessment	\$6,000.00	\$0.00	Willamette

Project Description
Same as 201-037. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-549	OWEB		Sprague River Wetlands - Ridgeway	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$73,150.00	Klamath

Project Description
Restore 130 acres of historic wetlands connected to the Sprague River by blocking an irrigation diversion, constructing a water control structure, and constructing levees and swales. Plant native vegetation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-078FF	OWEB		TCWRC WSC Coord Services for Tillamook Cnty	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 18-SEP-01	Watershed and Sub-basin Planning and Assessment	\$30,139.93	\$0.00	Northern Oregon Coastal

Project Description
<p>This project is to restore, maintain, and enhance the biological, chemical and physical integrity of riparian zones and associated uplands of the rivers and estuarine systems of Tillamook County by involving local community members. This proposal is part of a comprehensive effort to restore the health of the watersheds in Tillamook County that includes the following local/state/federal partners: Vice President Gore's National Partnership for Reinventing Government, Economic Development Council of Tillamook County, Tillamook Bay Community College, Tillamook Bay National Estuary Project, and Tillamook County Performance Partnership for Environmental Restoration and Economic Development. Each of these partners will work with local watershed councils through the watershed coordinator to improve the ecological health of the watersheds while developing the local economy and promoting social equity through opportunities in higher education and information technology.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-232	OWEB		Technical Assistance	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-JUN-01 - 12-AUG-02	Watershed and Sub-basin Planning and Assessment	\$12,468.66	\$0.00	Willamette

Project Description
<p>Project 1- In Rickreall Creek are hundreds of tires that were dumped years ago. The tires have become part of the environment and habitat. A geomorphologist is needed to review the impacts of removing the tires. Project 2-the Arboretum project requires a fluvial geomorphologist to determine appropriate stabilization methods. Project 3-a consultant is needed to analyze and record current conditions of Rickreall Creek, mapping it with GPS. This will provide inventory data that will be used in the RWC action plan.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-242	OWEB		Technical Assistance Grande Ronde	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	02-NOV-01 - 09-JAN-03	Watershed and Sub-basin Planning and Assessment	\$34,000.00	\$0.00	Lower Snake

Project Description
<p>Assistance is needed to help cover the workload created from increased OWEB grants and CREP signups along with the permitting process. The person hired will need to have a background in conservation practices and designs, survey knowledge, writing capabilities, and computer skills. The added technical assistance will improve the Union SWCD ability to handle the increased workload presented which will result in more stream miles treated. The added equipment will enable the technical person to schedule and accomplish work in the field without having to wait for equipment. The equipment will allow flexibility to accomplish the work on an as needed basis.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-223	OWEB		Technical design for watershed restoration projects.	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	22-JUN-01 - 08-AUG-03	Watershed and Sub-basin Planning and Assessment	\$13,259.33	\$0.00	Willamette

Project Description
 Technical assistance is needed to expand the LSWCD's ability to address water quality related to agriculture under SB1010. Assist Local Advisory Committee to develop Administrative Rules and Plans which address watershed health and function under SB1010. Assist South Santiam Watershed Council and Calapooia Watershed Council with Watershed Assessment and the development/implementation of Action Plans. To address the backlog of Watershed Restoration Projects and CREP's Conservation plans.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-014A	OWEB		Tenmile Lakes Basin Partnership-Council Support 2001-2003	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 24-AUG-03	Watershed and Sub-basin Planning and Assessment	\$5,000.00	\$0.00	Southern Oregon Coastal

Project Description
 Same as 201-014. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-036	OWEB		Tenmile Lakes' Basin WSA	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-MAR-01 - 16-OCT-03	Watershed and Sub-basin Planning and Assessment	\$40,703.16	\$0.00	Southern Oregon Coastal

Project Description
 Project will support Phase II of the Watershed Council's Watershed Assessment and the preliminary work of updating outdated action Plan. Phase II is necessary to assess the final five subbasins (Blacks, Benson, Roberts, Shutters, and Wilkins Creek). This assessment will be conducted by following the OWEB Assessment Manual and will incorporate public, agency, and stakeholder views through a series of public meetings.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-543	OWEB		Thomas Creek Mainstem Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 03-JUN-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$33,340.00	Willamette

Project Description
 Fund five high priority actions on Thomas Creek: (1) monitoring water quality and temperature, (2) determining invertebrate availability for fish, (3) monitoring levels of sediment, (4) counting fish abundance, and (5) describing fish habitat use.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-089	OWEB		Thomas Creek Mainstream Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	11-APR-01 - 09-JUN-03	Watershed and Sub-basin Planning and Assessment	\$43,277.02	\$0.00	Willamette

Project Description
 Our approach continues to study begun in May 2000, to measure seasonal changes in water quality, temperature and fish habitat in Thomas Creek (Santiam basin). It addresses five priority actions identified by the South Santiam Watershed Council. We also identify factors limiting ESA- listed salmonids in Thomas Creek by assessing fish abundance. Aquatic and riparian invertebrate availability, and salmonid movement and habitat use.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-542	OWEB		Tryon Creek Watershed Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Watershed and Sub-basin Planning and Assessment	\$21,804.00	\$0.00	Lower Columbia

Project Description
 Collect baseline data on the condition of Tryon Creek, including impervious surface coverage, water quantity and quality, land use practices, and other limiting factors for anadromous fish. Identify and prioritize restoration needs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-034A	OWEB		Tualatin River Watershed Council Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 19-AUG-03	Watershed and Sub-basin Planning and Assessment	\$6,000.00	\$0.00	Lower Columbia

Project Description
Same as 201-034. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-295	OWEB		U. & Little Deschutes Assessments/Action Plan	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 22-JUL-02	Watershed and Sub-basin Planning and Assessment	\$54,693.88	\$0.00	Deschutes

Project Description
The assessment project, under the leadership of the Upper Deschutes Watershed Council, will involve public and private basin stakeholders in finalizing a basin-scale assessment for the Upper Deschutes River and its primary tributaries and developing an assessment for the Little Deschutes sub-basin. Utilizing the assessment information, outreach and information sharing meetings will involve basin stakeholders in establishing watershed objectives, potential management alternatives, and priority management foster stewardship among stakeholders, enabling them to become involved in voluntary watershed activities that target improving the condition of the watershed's economy and natural resources.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-053A	OWEB		Umatilla Basin Watershed Council Support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 10-JUL-03	Watershed and Sub-basin Planning and Assessment	\$2,781.00	\$0.00	Middle Columbia

Project Description
Same as 201-053. Change in funding source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-043	OWEB		Umpqua Basin Assmt/Action Plan, Phase II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	18-JUL-01 - 17-DEC-03	Watershed and Sub-basin Planning and Assessment	\$119,990.00	\$0.00	Southern Oregon Coastal

Project Description
The project will gather data from five watersheds, analyze it, and prepare five watershed assessments. These will include action plans, which will be used by the Umpqua Basin Watershed Council to help prioritize projects.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-499	OWEB		Umpqua Basin Streamflow Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 15-APR-02	Watershed and Sub-basin Planning and Assessment	\$36,932.00	\$0.00	Southern Oregon Coastal

Project Description
Measure streamflows in the Umpqua Basin during the low flow season to assist in establishing restoration priorities, developing TMDL models, and supporting ongoing watershed temperature studies.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-498A	OWEB		Umpqua Basin Watershed Assessment & Action Plan, Phase I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 11-JUN-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$38,227.62	Southern Oregon Coastal

Project Description
Systematically assess all watersheds comprising the Umpqua Basin to assist in the creation of an action plan for the restoration of salmonid species. These assessments will both use and refine the OWEB Watershed Assessment Manual methodology.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-498	OWEB		Umpqua Basin Watershed Assessment & Action Plan, Phase I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 11-JUN-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$88,416.38	Southern Oregon Coastal

Project Description
Systematically assess all watersheds comprising the Umpqua Basin to assist in the creation of an action plan for the restoration of salmonid species. These assessments will both use and refine the OWEB Watershed Assessment Manual methodology.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-186FF	OWEB		Upper Rogue WS Council Support/Coordinator Funding	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 16-JUL-01	Watershed and Sub-basin Planning and Assessment	\$7,875.00	\$0.00	Southern Oregon Coastal

Project Description
This funding will allow URWA to continue the important work that it has started in implementing its Action Plan. Since inception in June 1994, URWA has provided significant benefits to the communities of the Upper Rogue. Council Support is critical in order to continue the work of URWA which is made up of part-time volunteers. Support will provide full time coordinator staffing which is necessary to continue implementation of the work plan. Council support is imperative for URWA to achieve its goals for organization and implementation of identified and future projects, and to systematically update our Watershed Assessment and Action Plan with new and pertinent data.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-371	OWEB		Upper So Fork of the John Day River WS Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	12-DEC-01 -	Watershed and Sub-basin Planning and Assessment	\$40,220.00	\$0.00	John Day

Project Description
The project proposes to conduct an assessment using the protocols described in the OWEB Watershed Assessment Manual. The objective of the assessment is to synthesize, organize, analyze and interpret existing information from a number of sources to accurately characterize the current physical, chemical and biological conditions of the upper South Fork John Day River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-054B	OWEB		Walla Walla Basin WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$4,225.00	\$0.00	Middle Columbia

Project Description
2003-05 Council Support for Walla Walla Basin WSC

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-163	OWEB		Wallowa County Tax Lot Digitization	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-FEB-01 - 14-NOV-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$25,000.00	Lower Snake

Project Description
Wallowa County is working with the US Forest Service to see how we can improve watershed assessment, education, and monitoring processes. The Wallowa County Planning dept is proposing to have the Assessor's plat maps digitized for a countywide geographic information system (GIS). Because of the amount of private land ownership along waterways in Wallowa County, a countywide GIS tax lot layer is required before accurate and complete watershed data can be stored, analyzed, and accessed efficiently.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-163A	OWEB		Wallowa County Tax Lot Digitization	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-FEB-01 - 14-NOV-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$25,000.00	Lower Snake

Project Description
Same as 200-163. Change in fund source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-725	OWEB		Watershed Assess Manual-PSC(Estuary Component)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-FEB-02 - 10-JUL-03	Watershed and Sub-basin Planning and Assessment	\$31,800.00	\$0.00	Oregon - Statewide

Project Description
Watershed Assessment Manual

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-231	OWEB		Watershed Technical Specialist	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	19-JUN-01 - 15-AUG-02	Watershed and Sub-basin Planning and Assessment	\$18,000.00	\$0.00	Willamette

Project Description
 This project would provide technical assistance to 4 EQIP funded plans with structural practices, 1 LTA with structural practice, 1 ACP structural practice, 3 future EQIP plans with structural practices which require RMS plans and Water Management Plans, 2 unfinished RMS plans and 1 new RMS plan and do follow up on 10 existing LTA's and 5 EQIP contracts. This would eliminate the backlog of approved projects for cost share that have not received technical assistance. The Long Term Agreements and ACP date to 1995 or prior.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-511	OWEB		Watersheds Assessment #3 Powder River Powder Valley	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	11-MAR-02 -	Watershed and Sub-basin Planning and Assessment	\$17,682.00	\$0.00	Middle Snake-Powder

Project Description
 This project will complete the assessment of the Powder Valley subbasin, an area covering 293 square miles or approximately 188,000 acres. Sources of information include DEQ, ODFW, ODF, DSL, OWRD, USFS, EPA, BLM, BOR, USFW, NRCS, Baker and Union SWCD's and the local governments. OWEB funds are requested for the contract assessment writer, public outreach expenses, technical computer and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-204B	OWEB		Wetland Preserve Program (Balance 200-204)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-APR-01 - 01-OCT-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$10,070.08	Oregon - Statewide

Project Description
 Wetlands Reserve Program (WRP) easement acquisition staffing.

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Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-204	OWEB		Wetland Reserve Program (Pay this Portion 1st)	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	17-APR-01 - 01-OCT-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$26,429.92	Oregon - Statewide

Project Description
Wetlands Reserve Program (WRP) easement acquisition staffing.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-136	OWEB		Wetland Restoration for the Williamson River Delta	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-MAR-01 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$87,450.00	Klamath

Project Description
Since 1996, The Nature Conservancy and 7 partners (Klamath Tribes, USFWS, Bureau of Reclamation, National Resource Conservation service, Pacificcorp, Cell Tech and National Fish and Wildlife Foundation) have been restoring approximately 3,700 acres of wetland and riverine habitat at Tulana Farms along the lower 4 miles of the Williamson River Delta under one ownership, with the opportunity to develop a comprehensive approach to restoring the entire delta, with the goal of providing habitat to endangered fish (Lost River and shortnose suckers) and improving water quality in Upper Klamath Lake. This project seeks to assist in building technical layers, conduct engineering assessments, and expand our existing hydrodynamic model of this site.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-553	OWEB		White River & The Dalles Assessments	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-NOV-01 -	Watershed and Sub-basin Planning and Assessment	\$80,000.00	\$0.00	Deschutes

Project Description
White River & The Dalles Assessments

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Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-104A	OWEB		Willamette River Gallery Forest Protection Project/Review Ap	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	24-NOV-00 - 24-NOV-00	Watershed and Sub-basin Planning and Assessment	\$0.00	\$650.00	Willamette
Project Description					
Review Appraisal for 200-104.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-480	OWEB		Williams Community Hydrologic Analysis & Flood Mgmt Proj	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 03-SEP-02	Watershed and Sub-basin Planning and Assessment	\$28,350.00	\$0.00	Southern Oregon Coastal
Project Description					
Conduct hydrologic and land use assessments to identify project sites and develop specific projects to improve water quality and quantity and fish and riparian habitat.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 98-251A	OWEB		Wilson River Assessment/Action Plan	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JAN-99 - 12-FEB-02	Watershed and Sub-basin Planning and Assessment	\$4,059.19	\$0.00	Northern Oregon Coastal
Project Description					
A watershed assessment for the Wilson River.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-913	OWEB		WSC Support RAC Costs	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	30-SEP-03 -	Watershed and Sub-basin Planning and Assessment	\$7,000.00	\$0.00	Oregon - Statewide
Project Description					
WSC Support RAC Costs					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-532	OWEB		Yamhill Basin Watershed Assessment Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 25-JUL-01	Watershed and Sub-basin Planning and Assessment	\$40,777.00	\$0.00	Willamette

Project Description
 Fund assessment of two fifth-field watershed assessments to be completed as part of a comprehensive Basin-wide assessment in the Yamhill River Basin by the Yamhill Basin Council.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-029B	OWEB		Yamhill Basin WSC Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 07-AUG-03	Watershed and Sub-basin Planning and Assessment	\$6,000.00	\$0.00	Willamette

Project Description
 Same as 201-029. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-153FF	OWEB		Yamhill Watershed Council Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 - 09-JUL-01	Watershed and Sub-basin Planning and Assessment	\$10,358.00	\$0.00	Willamette

Project Description
 The Yamhill Watershed Action Plan implementation provides funding to continue employment of a watershed coordinator to staff the Yamhill Basin Council and continue the public outreach, project coordination and implementation activities of the Watershed Action Plan for Yamhill River and Chehalem Creek. The proposal also requests funds to hire a RARE participant to complete the Council's watershed assessment program of its fifth field watersheds.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-202	OWEB		Young's Bay Assessment Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 -	Watershed and Sub-basin Planning and Assessment	\$59,242.00	\$0.00	Northern Oregon Coastal

Project Description

This proposal is to provide a portion of the salary and funds for a full-time Watershed Coordinator to work with the Young's Bay Watershed Council for an approximate 15 month period, from March 2000 thru June 2001. The coordinator will promote public education outreach, partnership building and above all develop an Action Plan, Project planning and Monitoring Program strategies for the YBWC utilizing the completed watershed assessment (March of 2000) to identify, prioritize, plan, find funding for and implement initial projects to restore and enhance the health of our Young's Bay Watershed. The coordinator will act as a liaison between the YBWC and resource agencies, local government, interest groups, educational institutions and land owners to facilitate the objectives of YBWC.

Project Ref	Grantee	Subgrantee	Project Name	State
USFWS/WDFW/	OWEB	Oregon Department of Fish and Wildlife, U.S.	Columbia River Hatcheries Mass Marking	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-OCT-02 - 30-SEP-03	Salmon Enhancement	\$1,087,000.00	\$0.00	Oregon - Washington

Project Description

Mass marking of salmon in Columbia River hatcheries. Congressionally mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW004f	OWEB	Chris Knutsen, George Westfall, Kevin Good	Habitat and Fish Management Biologists	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Enhancement	\$58,841.00	\$0.00	Northern Oregon Coastal

Project Description

Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW004k	OWEB	Christopher Yee, Kelly Reis, Suzanne Knapp	Habitat and Fish Management Biologists	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Enhancement	\$44,692.00	\$0.00	Willamette

Project Description
Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-908	OWEB		ODFW Mass Marking Trailers Purchase	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	19-SEP-03 -	Salmon Enhancement	\$2,094,323.00	\$0.00	Oregon - Statewide

Project Description
ODFW purchase of mass marking trailers

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW006	OWEB	Curt Melcher, Gregg Mauser	Selective Fishery Modeling and Monitoring Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Enhancement	\$153,928.00	\$0.00	Oregon - Coastal

Project Description
Mass marking of hatchery stocks and mark selective fisheries are an integral part of the Oregon Plan for Salmon and Watersheds and have been embraced by the National Marine Fisheries Service, the U.S. Fish and Wildlife Service, the Pacific Fishery Management Council and the Pacific Salmon Commission as a means to provide additional harvest opportunity while reducing impacts to weak stocks. The selective fishery modeling and monitoring project was developed to facilitate new analyses associated with mass marking and mark selective fisheries. The project analyst provides technical support for the management of mark selective salmon fisheries in state, federal, and international forums.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW002	OWEB	Bruce McIntosh, Tom Nickelson	Coastal Monitoring Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$3,984,347.00	\$348,802.00	Oregon - Coastal

Project Description

ODFW's Coastal Monitoring Program is focused on providing statistically rigorous estimates of the status and trends in anadromous fish populations and their habitats at the scales of Ecologically Significant Units (ESU's), Monitoring Areas, and river basins. The sampling framework for the program, an innovative application of the Environmental Monitoring and Assessment Program (EMAP), was developed cooperatively with the EPA Research Lab in Corvallis. The program is implemented through the following projects: Coastal Salmonid Inventory, Coastal Salmonid Life-Cycle Monitoring, Coastal Salmonid Juvenile Monitoring, and Aquatic Inventories. Some of the projects are modifications of previous research that continue in support of the Oregon Plan while others are new programs initiated with the implementation of the Oregon Plan.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-065	OWEB		Crab/Green Long Term Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	09-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$23,100.00	Northern Oregon Coastal

Project Description

This two-year monitoring project is designed to conduct both physical and biological monitoring on one of the largest LWD projects currently implemented in the coho habitat of the coast range. The project goals are to quantify the changes in the abundance and quality of low velocity complex habitats and to document the change in production for coho, utilizing both pre and post LWD project data. OWEB funds will be used for snorkel surveys, data analysis and reporting.

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW004g	OWEB	Chris Knutsen, George Westfall, Kevin Good	Habitat and Fish Management Biologists	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$88,263.00	\$0.00	Northern Oregon Coastal

Project Description

Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-910	OWEB		ODFW Nonpariel Dam project continuation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	26-SEP-03 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$51,150.00	Oregon - Statewide

Project Description
Continuation of ODFW Nonpariel dam project

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW001b	OWEB	Kim Jones	Aquatic Inventories Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$244,324.00	\$0.00	Oregon - Statewide

Project Description
The Aquatic Inventories Program is comprised of 5 projects: (1) monitor aquatic and riparian habitat in coastal basins at randomly selected sites as part of the Oregon Plan for Salmon and Watersheds, (2) provide quantitative assessments of aquatic and riparian habitat in streams and rivers throughout the state of Oregon, (3) monitor the response of habitat restoration projects, (4) conduct selected studies on salmonid and non-salmonid populations, and (4) conduct studies on salmonid use and performance in estuaries. This project funds 2.0 FTE to direct project implementation.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-923	OWEB		Coastal Data Intergration - unallocated	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Research, Monitoring, and Evaluation	\$120,000.00	\$0.00	Oregon - Statewide

Project Description
Unallocated Coastal Data

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-082	OWEB		Coos Watershed Integrated Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Research, Monitoring, and Evaluation	\$52,610.00	\$0.00	Southern Oregon Coastal

Project Description
This project proposes to apply OWEB's "monitoring Strategy for the Oregon Plan for Salmon and Watersheds" for both program effectiveness and project effectiveness in the Coos watershed. The key component of this project is to link the Oregon Coast status and trend monitoring conducted by ODFW at the 4th field HUC to assist in evaluating cumulative watershed restoration programs at the 6th and 7th field HUC levels and at the project level for some activities.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-916	OWEB		DEQ Lower Columbia Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$300,000.00	\$0.00	Oregon - Statewide

Project Description
DEQ Lower Columbia Monitoring Project

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-921	OWEB		Development of virtual natural resources data clearinghouse	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	02-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$30,000.00	\$0.00	Oregon - Statewide

Project Description
Development of virtual Oregon natural resources data clearinghouse

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
ODFW004I	OWEB	Christopher Yee, Kelly Reis, Suzanne Knapp	Habitat and Fish Management Biologists	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$11,152.00	\$0.00	Willamette

Project Description

Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
ODFW004a	OWEB	David Loomis, Jim Brick	Habitat and Fish Management Biologists	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$78,600.00	\$0.00	Southern Oregon Coastal

Project Description

Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
IMST001	OWEB	Stanley Gregory, William Percy	Independent Multidisciplinary Science Team	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$600,000.00	\$0.00	Oregon - Statewide

Project Description

The IMST is an independent science team that advises the State on technical matters regarding salmonid and watershed recovery and provides independent assessment of the OR Plan for Salmonids and Watersheds including the monitoring program and reviews, upon request, current and proposed state/agency policies and technical issues. The IMST was constituted in 1997 under Oregon Senate Bill 924. The IMST does two types of reports 1) Independent projects dealing with the scientific basis for management of resources and settings relative to the Oregon Plan and 2) Review projects in which the Team is reviewing ongoing or proposed programs and activities that could influence accomplishing the mission of the Oregon Plan.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-086	OWEB		Lobster Cr Partnership & Thermal Reduction	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-OCT-03 -	Salmon Research, Monitoring, and Evaluation	\$2,486.00	\$0.00	Southern Oregon Coastal

Project Description

This project proposes to implement two of six objectives of the Lobster Creek Partnership, a collective of stakeholders and agencies and the local watershed council, interested in the Lobster Creek drainage. The activities include baseline data collection for reaches to be selected as part of the Lobster Creek watershed water quality management plan and cold water refugia mapping within identified salmonid critical production reaches. The results will be used to monitor changes in effective shade, to identify areas for habitat improvement and to explore upslope management options.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-116A	OWEB		Long Tom WS Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	25-SEP-03 -	Salmon Research, Monitoring, and Evaluation	\$15,780.00	\$0.00	Willamette

Project Description

This project will continue and refine the council's water quality monitoring program and implement a set of demonstration projects around the watershed. These projects include riparian restoration, instream wood placement, riparian fencing, off-channel watering establishment and restoring fish passage. OWEB funds would be used primarily for personnel, travel, contracted services, supplies, permits, outreach, and workshops.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-152	OWEB		Malheur Basin Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	10-OCT-03 -	Salmon Research, Monitoring, and Evaluation	\$12,900.00	\$0.00	Middle Snake-Boise

Project Description
 Field collection and computer analysis of water samples with the Malheur watershed will be monitored. Three components of the monitoring are 30 monthly "grab" samples; 3 E. coli samples/month at 11 sites in Willow Creek, streamflow measurements taken 3 times/month at established sites. Total samples proposed are 31 different sites monthly. OWEB funds are requested for sampling contract (87%), reagent & supplies (3%), administration (9%). Cost-share partners include ODFW, NRCS, Malheur SWCD, OSU Extension, OSU Experiment Station, BLM, BOR and Malheur Watershed Council.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-064	OWEB		Nestucca-Neskowin WSs Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	07-OCT-03 -	Salmon Research, Monitoring, and Evaluation	\$3,300.00	\$0.00	Northern Oregon Coastal

Project Description
 This project would allow the Nestucca Neskowin Watershed Council to continue their water quality monitoring program for another two years in order to establish baseline conditions, track trends and identify problem areas in need of restoration efforts. Parameters to be monitored include bacteria, temperature, turbidity and conductivity. The bulk of the requested OWEB funds would be used to pay project manager wages and travel expenses, with smaller amounts budgeted for supplies and materials.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-912	OWEB		ODFW Lower Columbia Monitoring Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	13-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$446,967.00	\$0.00	Oregon - Statewide

Project Description
 ODFW Lower Columbia Monitoring Project

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-919	OWEB		OSU Basin Scale Indicator Development	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$50,000.00	\$0.00	Oregon - Statewide
Project Description					
OSU basin scale indicator development for watershed health					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-920	OWEB		OSU Willamette Basin Digital Library	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$50,000.00	\$0.00	Willamette
Project Description					
OSU Willamette basin digital library					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWRD001	OWEB	OWRD	OWRD Monitoring and Evaluation	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$794,268.00	\$0.00	Oregon - Coastal
Project Description					
Collect and maintain streamflow, water use, water rights, and ground water data in support of assessing watershed health and restoration project effectiveness. Project will target ESUs that occur in Oregon coastal watersheds and Columbia River tributaries in Oregon.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-922	OWEB		Portal Development - unallocated	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Research, Monitoring, and Evaluation	\$145,000.00	\$0.00	Oregon - Statewide
Project Description					
Unallocated Portal Development					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-914	OWEB		PSC-On-line query 4(d) application upgrade	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	14-MAR-03 - 29-SEP-03	Salmon Research, Monitoring, and Evaluation	\$5,000.00	\$0.00	Oregon - Statewide

Project Description
Online query 4 (d) application upgrade

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-925	OWEB		Research RFP Coordination - unallocated	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Research, Monitoring, and Evaluation	\$55,000.00	\$0.00	Oregon - Statewide

Project Description
Unallocated Research RFP Coordination

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-918	OWEB		Riparian Assessment Framework document production	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 - 30-OCT-03	Salmon Research, Monitoring, and Evaluation	\$7,200.00	\$0.00	Oregon - Statewide

Project Description
Riparian assessment framework document production

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-062	OWEB		Salmon-Drift Cr WS Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	03-OCT-03 -	Salmon Research, Monitoring, and Evaluation	\$7,550.00	\$0.00	Northern Oregon Coastal

Project Description
This proposal will fund continued water quality and quantity monitoring on Drift Creek (Siletz), Schooner Creek and Devils Lake tributaries. The project is a community-based effort that obtains data useful for watershed restoration planning and provides education to students, volunteers and community members. The majority of OWEB funds are budgeted for contracted services (coordinator, lab manager and lab work), and supplies/materials (primarily chemicals). Smaller amounts are requested for travel and production.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-917	OWEB		USFWS Oregon Coastal Wetland Change Study	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-JAN-03 -	Salmon Research, Monitoring, and Evaluation	\$25,000.00	\$0.00	Northern Oregon Coastal

Project Description
 USFWS Oregon Coastal Wetland change study

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-913	OWEB		Water Resources John Day Flow	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	18-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$85,000.00	\$0.00	John Day

Project Description
 Funding to the Water Resources Dept for the John Day basin stream gage evaluation

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-063	OWEB		Yachats Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-OCT-03 -	Salmon Research, Monitoring, and Evaluation	\$2,360.00	\$0.00	Northern Oregon Coastal

Project Description
 This proposal would fund the fourth year of a ten-year citizen driven water quality and quantity monitoring project in the Yachats River basin. The project would continue to compile data on water quantity, dissolved oxygen, conductivity, turbidity, pH, E.coli, and temperature in order to begin to establish trends, help assess restoration effort effectiveness and identify issues and locations for further restoration opportunities. OWEB funds will be used for contracted services (volunteer coordinator and lab manager), supplies, equipment and travel.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-550A	OWEB		2001-03 IMST	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 17-AUG-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$377,556.97	Oregon - Statewide

Project Description
 Independent Multidisciplinary Science Team support for Oregon

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-550	OWEB		2001-03 IMST	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 17-AUG-03	Salmon Research, Monitoring, and Evaluation	\$380,831.27	\$0.00	Oregon - Statewide
Project Description					
Independent Multidisciplinary Science Team support for Oregon					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-224	OWEB		Biomonitoring of the Upper South Fork of the J.D. Basin	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-AUG-01 - 07-FEB-03	Salmon Research, Monitoring, and Evaluation	\$5,658.94	\$0.00	John Day
Project Description					
This project will conduct the second year of biomonitoring on the upper South Fork of the John Day River and collect additional data on the upper basin water quality.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-148	OWEB		Clackamas Fish Passage Barrier Assessment	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$97,361.00	\$0.00	Lower Columbia
Project Description					
This project consists of compilation and analysis of existing fish passage information over the entire Clackamas Basin, assessing the deep, Eagle and Goose Creek subbasins using the model and methods refined in an earlier project, and partnering to update fish barrier information and field check, where needed, all priority barriers in order to complete a basin-wide prioritization. OWEB funds would be used primarily for contracted services for project management, GIS services, and a field crew.					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-133	OWEB		Coquille WS Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$93,036.00	\$0.00	Southern Oregon Coastal

Project Description

The project proposes to conduct project effectiveness monitoring on all CWA (Coquille Watershed Association) Projects. This data will assist the association to design and plan more effective projects for the future. The CWA will complete project baseline and effectiveness monitoring on all CWA projects. Each project will be measured against its primary project objectives. Three main categories of projects will be examined following monitoring guidelines developed by the CWA monitoring team or through using existing accepted protocols.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-122	OWEB		Curry County Watersheds Monitoring Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$139,014.00	\$0.00	Willamette

Project Description

The South Coast/Lower Rogue Watershed Councils propose to pursue three components under the Monitoring Program: Water Quality, Road Inventory, and Project Effectiveness. The Water Quality component will expand the program's scope beyond water temperature monitoring to include the collection of baseline data on a number of water quality parameters. The Road Inventory component will continue to identify sediment sources within private road systems, and increase efforts in assisting landowners turn that information into repairs. The Project Effectiveness component will continue to evaluate the council's riparian planting and fencing, large wood placement projects, fish passage improvements, road stormproofing, and bank stabilization projects.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-901	OWEB		DEQ Voluntary Water Quality Monitoring position	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-OCT-02 - 09-SEP-03	Salmon Research, Monitoring, and Evaluation	\$42,868.36	\$0.00	Oregon - Statewide

Project Description

Fund Voluntary Water Quality Monitoring position

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-438	OWEB		Grants Pass Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Research, Monitoring, and Evaluation	\$33,309.00	\$0.00	Southern Oregon Coastal

Project Description

This project proposes to establish baseline water quality and flow data for the Rogue River and six of its tributaries in the Grants Pass area. Monitoring will fill an existing data need by characterizing current water quality conditions and by identifying potential pollutant source areas and trends in water quality. Data will be used to evaluate and prioritize projects including stream restoration, in compliance monitoring, to design storm water best management practices and evaluate watershed health.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-739	OWEB		Hinkle Creek Research Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$251,000.00	Southern Oregon Coastal

Project Description

The Hinkle Creek research project is a paired watershed study. The project is located in watersheds that are managed under the Oregon Forest Practices Act. The purpose of the research is to evaluate the effects of current forest practices regulations on watershed functions.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-116	OWEB		Illinois Valley WQ Monitoring Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	19-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$21,964.00	\$0.00	Southern Oregon Coastal

Project Description

This project is a separate effort from the completed project monitoring carried out by the district and the council. This project will monitor water quality indicators such as temperature, pH, conductivity, turbidity, flow and dissolved oxygen on private lands in the basin. This project will collect data to be compared to past information to identify water quality trends and basin restoration progress. This information will be used to guide future project efforts and identify any new areas of concern.

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Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-404	OWEB		IMST Research Facilitation	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-JUL-01 - 19-JUN-02	Salmon Research, Monitoring, and Evaluation	\$0.00	\$2,299.61	Oregon - Statewide

Project Description
Stakeholder outreach for review of IMST of research priorities for the Oregon Plan.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-227	OWEB		Instream Flow Measurement 2003/2004	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-NOV-03 -	Salmon Research, Monitoring, and Evaluation	\$24,000.00	\$0.00	Oregon - Statewide

Project Description
Oregon Water Trust (OWT) seeks funds to purchase measurement equipment that will fill data gaps in streamflow regimes and facilitate monitoring of existing instream water rights to ensure proper regulation and compliance. Measurements will allow for better targeting and shaping of water right acquisitions, and will enhance the ability of OWT to test and evaluate split-season leasing as a viable tool for instream flow augmentation. OWEB funds will be used to purchase measurement equipment and to contract for technical assistance to ensure proper equipment siting and installation.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-222	OWEB		John Day Basin Water Quality Monitoring	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$36,300.00	\$0.00	John Day

Project Description
This project proposes to continue a water quality monitoring program for the North/Middle Forks and Mid-John Day. Landowners, managers, and agencies rely on credible water quality data upon which to base management plans and determine effectiveness of current programs. Credible, defensible data will be collected, processed, and stored using DEQ protocols. This program will continue the use of an existing common data repository formatting data from schools, agencies, and individuals into a common database.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-169	OWEB		Laurance Lake Reservoir Temperature Study	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-FEB-03 -	Salmon Research, Monitoring, and Evaluation	\$34,430.00	\$0.00	Middle Columbia

Project Description
This project would collect water temperature, flow, bathymetric, water quality and meteorological data at various sites to develop a computer model of the heat dynamics of the Laurance Lake reservoir in the Hood River Basin. The model will guide the management of the reservoir to reduce the heat discharge to Clear Branch Creek where there are ESA listed bull trout.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-161	OWEB		Livestock nutrient and sediment monitoring for TMDL develop	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-SEP-01 - 21-JAN-03	Salmon Research, Monitoring, and Evaluation	\$2,069.64	\$0.00	Willamette

Project Description
Water quality monitoring for baseline data collection on Pedee Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-496	OWEB		Load Reductions & Effects of OP Pesticides on Steelhead in H	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-MAR-02 -	Salmon Research, Monitoring, and Evaluation	\$128,480.00	\$0.00	Middle Columbia

Project Description
This project will continue sampling for the presence of chlorpyrifos and azinphos methyl and other insecticides and establish testing for fish and macroinvertebrate physiological effect relationships. Testing programs the last three years indicated that salmonids are exposed to these chemicals. OWEB funds would be used for study costs, including lab work and field data collection.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-304	OWEB		Lower Umpqua Basin Water Quality Monitoring Program	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-NOV-01 -	Salmon Research, Monitoring, and Evaluation	\$14,951.00	\$0.00	Southern Oregon Coastal

Project Description
The applicant intends to initiate a water quality monitoring program to gather baseline data on water bodies within the District.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-154	OWEB		Marys River Water Quality Monitoring Project: Phase 1	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	16-JUL-01 - 26-FEB-03	Salmon Research, Monitoring, and Evaluation	\$47,143.80	\$0.00	Willamette

Project Description
This project is the first phase in development of the council's capacity for high quality, long-term water quality monitoring by 1) training long-term dedicated volunteers, 2) narrowing down areas where problems exist, and 3) strengthening our existing partnership with local agencies and advanced high school science classes.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-160	OWEB		McKenzie Watershed Macroinvertebrate Monitoring Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-JUL-01 - 05-FEB-03	Salmon Research, Monitoring, and Evaluation	\$7,425.00	\$0.00	Willamette

Project Description
The McKenzie Watershed Council, along with its federal partners, will train and assist local volunteers to monitor macroinvertebrates at eighteen site throughout the watershed. This baseline monitoring program is in its fourth year, of a four-year project. Upon completion of this year's data, a four-year baseline comprehensive report will be written. The macroinvertebrate monitoring program complements the Council's other monitoring programs, and will be used in developing a long-term Conservation Strategy.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-416	OWEB		MidCoast Evaluation & Restoration Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-FEB-02 - 26-MAR-03	Salmon Research, Monitoring, and Evaluation	\$90,020.00	\$0.00	Northern Oregon Coastal

Project Description

This project would fund two surveyors to continue a variety of assessment and monitoring activities including Aquatic Habitat Inventories, adult spawner surveys and restoration project monitoring in the mid coast area for one year. The data collected by this project would be used to better identify, prioritize and plan restoration activities in the Salmon, Siletz, Yaquina, Alsea and Yachats River watersheds. OWEB funds would be used to fund the two surveyors' wages and travel, to purchase project related supplies and for project administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-073	OWEB		Mid-Coast Ocean Tributaries Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$63,220.00	\$0.00	Northern Oregon Coastal

Project Description

The MidCoast Watersheds Council will fill a data gap concerning coho salmon, steelhead and searun cutthroat distribution in 50 small ocean tributaries that empty directly into the ocean. Historically, these ocean tributaries were natal streams to small populations of resident cutthroat as well as coho and steelhead. Presently, ODFW and the MCWC does not have an adequate understanding of the present status of presence, absence or availability of passage.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-418	OWEB		MidCoast Rapid BioAssessment Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$80,850.00	\$0.00	Northern Oregon Coastal

Project Description

This application seeks to continue the Rapid Bio-Assessment (RBA) project in the mid-coast region. Approximately 375 miles of stream would be surveyed each year in this project, with the Siletz and Alsea River basins targeted in 2002 and the Yaquina and Salmon River basins in 2003. OWEB funds would be used for contractor wages, travel and integration of the data into GIS systems.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-068	OWEB		Mid-Coast Reference Reach Establishment & Survey	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-JUL-01 - 17-APR-03	Salmon Research, Monitoring, and Evaluation	\$1,136.00	\$0.00	Northern Oregon Coastal

Project Description

This project seeks to designate and survey the two best stream reaches on each of the five basins of the Midcoast Area and the Ocean Tributaries. The designation process will bring together data and experts to recommend site locations and proposed reference conditions. The survey will examine aquatic and riparian biodiversity in conjunction with physical condition and diversity to establish actual reference conditions. Photos, data and analysis of the sites will aid agency and citizen restoration and conservation.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-162	OWEB		Mill Creek Water Quality Monitoring Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-01 - 01-MAR-02	Salmon Research, Monitoring, and Evaluation	\$10,010.98	\$0.00	Willamette

Project Description

Purchase and install water quality probes on Mill Creek behind N. Salem High School to supplement existing equipment and provide continuous high quality data. Also, purchase an E. coli testing system that can be used to test samples from all area watersheds. This equipment will be used to assess water quality and watershed function, particularly with respect to fish needs. The project will have a large student and community education focus.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-321	OWEB		Molalla River Biomonitoring Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-OCT-01 - 03-JUN-02	Salmon Research, Monitoring, and Evaluation	\$9,342.00	\$0.00	Willamette

Project Description

This project will monitor macroinvertebrates, water quality, and physical habitat conditions at six established monitoring sites in the Molalla River watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-417	OWEB		Nestucca-Neskowin BioAssessment Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-FEB-02 -	Salmon Research, Monitoring, and Evaluation	\$89,430.00	\$0.00	Northern Oregon Coastal

Project Description
 This project would fund two years of Rapid Bio-Assessment data collection in the Nestucca, Neskowin and Sand Lake watersheds. The data collected would be helpful to the council in determining potential restoration sites and activities. OWEB funds would be used to pay the contract services for the assessment as well as for the development of a GIS layer. Approximately 270 miles of stream would be surveyed each year.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-072	OWEB		Nestucca-Neskowin Watersheds Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	05-JUL-01 - 11-JUL-03	Salmon Research, Monitoring, and Evaluation	\$13,566.00	\$0.00	Northern Oregon Coastal

Project Description
 This project will allow the council to continue the water quality monitoring program for two years in the Nestucca and Neskowin Watersheds to determine trends and establish baseline conditions. In areas where ongoing monitoring has shown concerns in fecal coliform levels, data collected can be used to determine effectiveness of water quality management plans.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-733	OWEB		ODF-Oregon Plan Monitoring & Data Collection	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	23-APR-02 - 28-OCT-03	Salmon Research, Monitoring, and Evaluation	\$131,875.00	\$0.00	Oregon - Statewide

Project Description
 Oregon Plan monitoring and data collection

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-551	OWEB		ODFW Experimental Brood Stock Research	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-NOV-01 - 12-FEB-02	Salmon Research, Monitoring, and Evaluation	\$0.00	\$8,000.00	Oregon - Statewide
Project Description					
Brood Stock Research					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-902	OWEB		ODFW non-pariel dam conservation hatchery research project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-NOV-02 - 15-OCT-03	Salmon Research, Monitoring, and Evaluation	\$49,707.18	\$0.00	Oregon - Statewide
Project Description					
Nonpariel dam conservation hatchery research project					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-735	OWEB		ODFW-Habitat & fish Population Monitoring	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	29-MAY-02 - 15-SEP-03	Salmon Research, Monitoring, and Evaluation	\$575,000.00	\$0.00	Oregon - Statewide
Project Description					
Habitat and fish population monitoring					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-732	OWEB		ODFW-Habitat & fish Population Monitoring	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 15-SEP-03	Salmon Research, Monitoring, and Evaluation	\$2,307,263.00	\$0.00	Oregon - Statewide
Project Description					
Habitat and fish population monitoring					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-063	OWEB		Optimizing Irrigation Water Management/Cherry Orchards	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-JAN-03 -	Salmon Research, Monitoring, and Evaluation	\$80,000.00	\$0.00	Deschutes

Project Description
 This project would monitor water application and fruit production in sweet cherry trees in order to determine evapotranspiration rates and irrigation water management. 9,999 acre feet of water is diverted from the Columbia River for the cherry orchards in The Dalles vicinity and it is widely assumed that most growers over irrigate. Irrigating orchards only as required will help reduce production costs, increase fruit quality and reduce the risk of agrochemicals leaking to the groundwater. OWEB funds would be used for personnel, equipment and travel expenses.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-555	OWEB		OSU Sea Grant program-Research Acct	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-NOV-01 - 01-FEB-02	Salmon Research, Monitoring, and Evaluation	\$0.00	\$4,000.00	Oregon - Statewide

Project Description
 Selection process for the Willamette River Toxin Study.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-726	OWEB		OSU-Willamette River Toxin Study	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	11-MAR-02 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$492,459.00	Oregon - Statewide

Project Description
 Willamette River Toxin Study.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-086A	OWEB		Poe Valley Monitoring Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-AUG-99 -	Salmon Research, Monitoring, and Evaluation	\$44,559.66	\$0.00	Klamath

Project Description
 Same as 99-086. Change in fund source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-154A	OWEB		Powder Basin Water Quality Monitoring, 01-02	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	05-JAN-01 -	Salmon Research, Monitoring, and Evaluation	\$18,795.76	\$0.00	Middle Snake-Powder

Project Description
Same as 200-154. Change in fund source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-118	OWEB		Private Road Inventory & Sediment Yield Analysis	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-JUL-01 - 15-AUG-03	Salmon Research, Monitoring, and Evaluation	\$5,548.00	\$0.00	Southern Oregon Coastal

Project Description
Survey private road systems in the East Fork sub-watershed of Williams Creek and assess for fish passage, potential sediment, erosion or mass failure problems. Channel substrate will be characterized in tributaries affected by or in close proximity to these private roads. These monitoring efforts will provide us with essential information necessary for prioritizing sediment reduction projects with private landowners; establishing permanent sediment monitoring stations and providing baseline data for sediment TMDL development. The final product will be a sediment reduction plan for the East Fork subwatershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-403	OWEB		PSC - IMST 01-03	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 02-APR-02	Salmon Research, Monitoring, and Evaluation	\$0.00	\$22,443.03	Oregon - Statewide

Project Description
Independent Multidisciplinary Science Team support for Oregon.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-410	OWEB		Salmon-Drift Creek Watersheds Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$8,620.00	\$0.00	Northern Oregon Coastal

Project Description

This proposal would fund baseline water quality monitoring on Drift Creek, a tributary of the Siletz River, and the tributaries of Devil's Lake in Lincoln County. Parameters measured would be temperature, dissolved oxygen, turbidity, conductivity and pH. Flow measurements would be taken at three of the stations and macroinvertebrate sampling would be conducted at each of the six sites. The majority of the funds requested from OWEB would be used for equipment and supplies. Roughly 35% of the total would be used for staff to coordinate the volunteer samplers, manage the lab and maintain the equipment.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-085	OWEB		Snake River/Hells Canyon TMDL Ag Drain Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-OCT-02 -	Salmon Research, Monitoring, and Evaluation	\$42,234.00	\$0.00	Middle Snake-Boise

Project Description

Malheur County SWCD is proposing to monitor 22 agricultural drains which discharge directly into the Snake River and lack baseline data to ascertain pollutant loads. To address the local TMDL and water quality concerns, the parameters to be tested include nitrate, phosphorous, mercury, suspended solids, E. coli, pH and temperature. OWEB funds are requested for a water quality technician (85%), mileage/travel (11%) and overhead/administration (4%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-191	OWEB		South Fork Crooked River Aquatic Habitat Inventory	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$16,304.00	\$0.00	Deschutes

Project Description

The project involves conducting an Aquatic Habitat Inventory (AHI) on 20 miles of the South Fork of the Crooked River on both public (Bureau of Land Management) and private (Cold Springs and Coffelt Ranches) lands. This effort is complementary to a cooperative monitoring program being implemented by the Oregon Dept. of Fish and Wildlife and BLM. The objective of this monitoring project is to quantify current riparian and aquatic conditions and evaluate the impacts of current grazing management.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-485B	OWEB		Stream Habitat & Water Quality in the Applegate	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JAN-01 -	Salmon Research, Monitoring, and Evaluation	\$124,722.00	\$0.00	Southern Oregon Coastal

Project Description
 Continue monitoring the physical, chemical and biological health of streams in the Applegate sub-basin, with a focus on sediment, flow and temperature impacts on salmonid habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-657	OWEB		Temperature Assessment of Fifteenmile Creek	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-JUL-02 - 17-MAR-03	Salmon Research, Monitoring, and Evaluation	\$29,500.00	\$0.00	Deschutes

Project Description
 Fifteenmile Creek is on the 303(d) list for exceeding temperature standards. This project would augment existing data with Forward Looking Infrared Radiometry (FLIR) to show areas of heat and cool water refugia to provide focus for restoration efforts.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-625A	OWEB		Thompson's Mill Flow & Habitat Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$10,600.00	\$0.00	Willamette

Project Description
 The City of Portland seeks funding to restore a 5.6-acre site along the confluence of Johnson Creek and Kelley Creek to improve salmonid habitat. Restoration includes restoring wetlands and off-channel habitat, planting native vegetation and providing opportunities for education and stewardship. OWEB funds would be used for project management, inspection, erosion/sediment control, channel/floodplain work, revegetation, design, permitting, and start-up/close-out costs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-625B	OWEB		Thompson's Mill Flow & Habitat Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$26,280.00	\$0.00	Willamette

Project Description

The City of Portland seeks funding to restore a 5.6-acre site along the confluence of Johnson Creek and Kelley Creek to improve salmonid habitat. Restoration includes restoring wetlands and off-channel habitat, planting native vegetation and providing opportunities for education and stewardship. OWEB funds would be used for project management, inspection, erosion/sediment control, channel/floodplain work, revegetation, design, permitting, and start-up/close-out costs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-676	OWEB		Umatilla River Basin Sediment Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$51,786.00	\$0.00	Middle Columbia

Project Description

The project will maintain and expand the current level of sediment monitoring across the basin and maintain the current stream discharge monitoring in the Wildhorse tributary watershed through September 2004. Wildhorse Creek has been identified as being a significant source of turbidity, nutrients and bacteria. This baseline monitoring effort supports the Umatilla Basin TMDL & Water Quality Management Plan Long-Term Monitoring Plan. OWEB funds are requested for gauge station operation (15%), lab analysis (27%) and portable samplers (50%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-001	OWEB		Upper Nehalem Flow Management	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-DEC-02 -	Salmon Research, Monitoring, and Evaluation	\$29,745.00	\$0.00	Northern Oregon Coastal

Project Description

This project would construct and maintain a gauging station on Rock Creek in the Upper Nehalem River watershed. The station would measure stream flow and temperature and manage the City of Vernonia's municipal water right for the benefit of fish and wildlife. OWEB funds will be used for gauging station supplies, installation of the station, data logging equipment and two years of maintenance/monitoring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-509	OWEB		Walla Walla River Hydrologic & Water Budget Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	07-MAR-02 -	Salmon Research, Monitoring, and Evaluation	\$122,300.00	\$0.00	Middle Columbia

Project Description

This project will create a surface water budget for use in practical water management decisions in the Walla Walla basin. The monitoring will be a gain-loss study along the mainstem of the Walla Walla with a focus on identification of recharge and discharge in the system. The project will include installation of flow gages, piezometers and static-well level and temperature recorders; surface-water seepage assessments; diversion inventory and measurement and development of a surface-water map. OWEB funds are requested for personnel, travel, mapping, equipment and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-086	OWEB		Walla Walla Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-OCT-02 -	Salmon Research, Monitoring, and Evaluation	\$28,128.00	\$0.00	Middle Columbia

Project Description

Under the guidance of Oregon DEQ protocol, this water quality monitoring project will provide critical information for the ongoing assessment work in the Walla Walla Basin and will support TMDL development, CTUIR Feasibility Study, the Bi-State HCP, USFWS/Irrigation District agreement as well as collect critical baseline data for the Little Walla Walla River. Parameters to be measured include dissolved oxygen, pH, specific conductance, temperature, flow turbidity, as well as instream flow analysis and vegetative assessment. OWEB funds are requested for monitoring coordinator (82%), mileage (4%), equipment/supplies (5%) and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-221	OWEB		Walla Walla Water Quality Monitoring & TMDL Devel.	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	11-JUL-01 - 09-APR-03	Salmon Research, Monitoring, and Evaluation	\$17,866.00	\$0.00	Middle Columbia

Project Description

Implement a water quality monitoring program under the guidance of Oregon DEQ protocol. This monitoring program will support both the current Walla Walla Basin TMDL process (DEQ - to be completed Dec. 2001) as well as quantify the improvements in water quality conditions fostered by other ongoing projects. Temperature, stream flow, pH, dissolved oxygen and macroinvertebrate sampling will be utilized to quantify improvements in the Walla Walla Basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-181A	OWEB		Wallowa Cnty Monitoring Coordinator	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-99 -	Salmon Research, Monitoring, and Evaluation	\$24,085.00	\$0.00	Lower Snake

Project Description
Same as 99-181. Change in fund source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-223	OWEB		Water Quality Monitoring for the Grande Ronde River Basin	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-NOV-01 -	Salmon Research, Monitoring, and Evaluation	\$93,870.00	\$0.00	Lower Snake

Project Description
The project will continue assessment of current water quality conditions, trends, and restoration/conservation project effectiveness. It will coordinate and improve data collection programs in the basin. This project will also inform landowners, operators, and other residents in the basin of water quality conditions and trends, and educate them in issues related to water quality. This project will continue a monitoring program previously supported by OWEB funds.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-367	OWEB		Water Quality Monitoring for the Malheur-Owyhee WS	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	29-OCT-01 -	Salmon Research, Monitoring, and Evaluation	\$51,736.00	\$0.00	Middle Snake-Boise

Project Description
This project proposes to implement a water quality monitoring program using DEQ protocols. This monitoring program will involve the field collection and analysis of water samples within the Malheur watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-124A	OWEB		Water Quality Monitoring-Nez Perce Tribe Property OR	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-99 -	Salmon Research, Monitoring, and Evaluation	\$2,077.90	\$0.00	Lower Snake

Project Description
Same as 99-124. Change in fund source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-567	OWEB		Yachats Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JUN-02 - 27-AUG-03	Salmon Research, Monitoring, and Evaluation	\$6,113.16	\$0.00	Northern Oregon Coastal

Project Description

This project seeks funding for an on-going water quality monitoring project on the Yachats River in southern Lincoln County. Following DEQ protocols, the volunteers will monitor dissolved oxygen, conductivity, turbidity, pH, E.Coli, flow, temperature and macroinvertebrates. OWEB funds would be used for coordination and lab management/maintenance as well as supplies, equipment and report production.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-069	OWEB		Yachats Watershed Monitoring Group Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-JUL-01 - 30-JAN-02	Salmon Research, Monitoring, and Evaluation	\$3,092.00	\$0.00	Northern Oregon Coastal

Project Description

This project is the second year of baseline monitoring in the Yachats Basin. It is a community based effort to obtain data useful for watershed restoration planning by the Mid-Coast Watersheds Council and the USFS. An experienced core of volunteers participate in biweekly testing throughout the summer months. Based on participation in the 2000 sampling season, an additional 25 area residents will participate on a drop-in basis throughout the sampling period.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-035	OWEB		Yamhill Basin Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	19-NOV-02 -	Salmon Research, Monitoring, and Evaluation	\$17,715.00	\$0.00	Willamette

Project Description

This proposal is to monitor macroinvertebrates, turbidity, DO, e-coli, pH and temperature to better understand the relative water quality along the length of selected drainages and sub-watersheds. The data will be used to prioritize council action items. OWEB funds are requested for personnel, travel, macroinvertebrate ID and analysis, supplies/materials, report production, equipment and administration

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-799	OWEB		99-01 IMST PSC # 1	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	12-OCT-99 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$10,781.97	Oregon - Statewide
Project Description					
IMST support (Jim Lichatowich).					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-798	OWEB		99-01 IMST PSC # 2	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-APR-00 - 30-AUG-01	Salmon Research, Monitoring, and Evaluation	\$0.00	\$50,701.91	Oregon - Statewide
Project Description					
IMST support (Jim Lichatowich).					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-083	OWEB		Albany Fish Survey	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-01 - 03-MAR-03	Salmon Research, Monitoring, and Evaluation	\$14,370.40	\$0.00	Willamette
Project Description					
This project will fill a gap regarding fish species and distribution in the Albany area, allowing us to plan more effective protection and restoration strategies. We are particularly interested in identifying any use of the urban tributaries by threatened winter steelhead or spring chinook.					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-576A	OWEB		Baker Valley Soil Moisture Mntnrg & Irrigation Wtr Cons Proj	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	30-JUN-00 - 18-OCT-02	Salmon Research, Monitoring, and Evaluation	\$0.00	\$812.00	Middle Snake-Powder
Project Description					
Same as 99-576. Change in fund source.					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-576	OWEB		Baker Valley Soil Moisture Mntnrg & Irrigation Wtr Cons Proj	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 18-OCT-02	Salmon Research, Monitoring, and Evaluation	\$0.00	\$7,308.00	Middle Snake-Powder

Project Description
Install Watermark sensors in 6 test fields to compile information on soil moisture in the Powder Basin Watershed. The goal of this project is to improve irrigation efficiency and prevent nitrates from leaching into groundwater.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-586	OWEB		Bioassessment of Restoration Activities and Best Management	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 22-JUN-01	Salmon Research, Monitoring, and Evaluation	\$6,268.00	\$0.00	John Day

Project Description
Monitor and assess the effectiveness of the Upper South Fork of the John Day Restoration Project.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-161	OWEB		Bully Creek WS Range Coordinator/Tech	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-FEB-01 - 13-JAN-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$26,395.00	Middle Snake-Boise

Project Description
Project will fund a coordinator/tech to help the resource management of local landowners, State and Federal agencies and public interest groups. This person will document changes in riparian vegetation and streambank conditions on public and private lands while pulling all partners to the table to improve the watershed and water quality.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-161A	OWEB		Bully Creek WS Range Coordinator/Tech	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-FEB-01 - 13-JAN-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$8,885.00	Middle Snake-Boise

Project Description
Same as 200-161. Change in fund source.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-469	OWEB		Coos WS Monitoring 2001-03	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$57,552.00	\$0.00	Southern Oregon Coastal

Project Description
Fund the ongoing monitoring of project implementation and effectiveness for restoration projects in the Coos River Basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-463	OWEB		Coquille Watershed Association Monitoring Proj	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 13-NOV-02	Salmon Research, Monitoring, and Evaluation	\$28,049.08	\$0.00	Southern Oregon Coastal

Project Description
Fund pre-project and post-project monitoring of the Coquille Watershed Association's instream and riparian projects using volunteers and high school students.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-902A	OWEB		Ecosystem Workforce Program - U of O	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 17-JUL-02	Salmon Research, Monitoring, and Evaluation	\$800.00	\$0.00	Oregon - Statewide

Project Description
Ecosystem Workforce.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-032	OWEB		Estuarine Wetland Fish Monitoring- Final Phase	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	09-MAY-01 -	Salmon Research, Monitoring, and Evaluation	\$139,284.00	\$0.00	Southern Oregon Coastal

Project Description
This project monitors salmonid use and habitat development in restored and undisturbed upper estuarine wetlands (fresh/brackish water habitats). The requested funds will extend monitoring for a final 24 months and will include the characterization of coho behavior in lower estuarine wetlands (salt water habitats).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-278	OWEB		Fairview Cr/Columbia Slough TMDL Monitoring and Educ	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-NOV-00 - 05-SEP-02	Salmon Research, Monitoring, and Evaluation	\$67,009.17	\$0.00	Lower Columbia

Project Description

This project will collect baseline data to assess pollutant sources and loadings for compliance with the Columbia Slough TMDL. Both instream and outfall monitoring data will be collected utilizing accepted quality assurance/quality control protocols. Data will be used to augment existing data, isolate problem drainages, and identify source controls and best management practices. Biological monitoring will be used along displayed in several educational formats. A Fairview Creek Watershed Celebration Day will highlight the results and raise community awareness of conditions that impact the watersheds health.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-173	OWEB		Grande Ronde Technical Engineering Assistance	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-99 -	Salmon Research, Monitoring, and Evaluation	\$73,160.00	\$0.00	Lower Snake

Project Description

The proposal requests partial funding for technical engineering support services for Grand Ronde Model Watershed Program habitat improvement projects. Services will be provided by an engineer employed through the Natural Resource Conservation Service. The NRCS is no longer is able to contribute in-kind technical engineering services to the GRMWP due to agency downsizing and cutbacks. Engineering support is needed for any construction work and all in-channel structural improvements. The NRCS proposes to fill a two year Term engineering position which will be equally funded by BPA and GWEB. Funds will cover salary, benefits, vehicle, computer and other expenses.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-797	OWEB		IMST - Interagency Agreement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	19-APR-00 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$304,139.72	Oregon - Statewide

Project Description

Independent Multidisciplinary Science Team (IMST) support for Oregon Plan for Salmon and Watersheds.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-805	OWEB		IMST - Interagency Agreement (Balance of 99-797)	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	19-APR-00 -	Salmon Research, Monitoring, and Evaluation	\$356,507.49	\$0.00	Oregon - Statewide

Project Description
Independent Multidisciplinary Science Team support for Oregon Plan for Salmon and Watersheds.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-805A	OWEB		IMST - Interagency Agreement (Balance of 99-805)	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	19-APR-00 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$33,514.12	Oregon - Statewide

Project Description
Independent Multidisciplinary Science Team support for Oregon Plan for Salmon and Watersheds.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-806	OWEB		Interagency for Use Attainability Analysis	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JAN-00 - 04-JAN-02	Salmon Research, Monitoring, and Evaluation	\$102,367.96	\$0.00	Oregon - Statewide

Project Description
Use Attainability Analysis of stream temperature and fish needs.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-611	OWEB		John Day Basin Water Quality Coordinator Program	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 27-NOV-02	Salmon Research, Monitoring, and Evaluation	\$32,000.00	\$0.00	John Day

Project Description
Fund coordinator position to gather baseline data on water quality in the John Day Basin in order to assess effectiveness of restoration and enhancement projects in the future. EPA and DEQ protocols will be used.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-249	OWEB		John Day River WS Streamflow Gaging Stations	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 09-NOV-00	Salmon Research, Monitoring, and Evaluation	\$20,706.00	\$0.00	John Day

Project Description
 Due to recent cost cutting at the federal level, four streamflow gauging stations within the John Day River basin are in jeopardy of being discontinued. This proposal seeks funding to split the cost of operating these stations with the U.S. Geological Survey.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-458	OWEB		Juv Salmonid Survival in Specfc Areas of the Nehalem Wtrshed	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-SEP-00 - 18-DEC-01	Salmon Research, Monitoring, and Evaluation	\$128,161.00	\$0.00	Northern Oregon Coastal

Project Description
 Assess and research the condition and survival of wild coho salmon smolts in the lower Nehalem River and near-shore ocean environment to understand spatially explicit sources of mortality.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-026	OWEB		Juvenile Salmoid Winter Dist	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-MAR-01 - 03-NOV-03	Salmon Research, Monitoring, and Evaluation	\$52,541.00	\$0.00	Northern Oregon Coastal

Project Description
 To broaden our understanding of juvenile salmonid distribution (emphasis on Coho) by comparing winter distributions to known summer distributions (from the Rapid Bio-Assessment database). Subbasins will be snorkeled at night during winter flow regimes. Day snorkeling and mark/recapture population estimates will be conducted on a subsample of habitat units to calibrate the nocturnal methodology. This winter distribution database will help prioritize stream reaches for restoration activities.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-031	OWEB		Little Butte Cr Bacteria Study	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-MAY-01 - 21-OCT-02	Salmon Research, Monitoring, and Evaluation	\$9,257.00	\$0.00	Southern Oregon Coastal

Project Description
The study will look at irrigation return flows and storm drains as potential contributors of bacteria to Little Butte Cr.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-082A	OWEB		Long Tom Monitoring Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	09-MAR-01 -	Salmon Research, Monitoring, and Evaluation	\$119,678.00	\$0.00	Willamette

Project Description
This project will: 1) continue and refine the council's water quality monitoring program; 2) implement a set of demonstration projects around the watershed to: a) restore a historic river segment on private land, b) widen an urban section of Amazon Creek and plant the riparian area; 3) enable the completion of plans for next round of projects; 4) initiate a process by which the Council ecologically prioritizes future restoration projects to build part of our Watershed Conservation Plan.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-018	OWEB		Mid-Coast Eval and Rest (MCWERP)	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-FEB-01 - 13-MAY-02	Salmon Research, Monitoring, and Evaluation	\$0.00	\$92,211.00	Northern Oregon Coastal

Project Description
This grant would continue funding two experienced data collectors to continue Aquatic Habitat Inventory and Spawning Surveys during critical periods of the year.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-485	OWEB		Non-Capital funds transferred to 99-485A/B	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JAN-01 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$0.00	Southern Oregon Coastal

Project Description
Continue monitoring the physical, chemical and biological health of streams in the Applegate sub-basin, with a focus on sediment, flow and temperature impacts on salmonid habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-224	OWEB		North Powder River/Anthony Creek Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 17-DEC-03	Salmon Research, Monitoring, and Evaluation	\$26,000.00	\$0.00	Middle Snake-Powder

Project Description

This project will help provide current data on water quantity and temperature in the North Powder/Anthony Creek sub-basin of the Powder Basin. The data collected will aid the Powder Basin Watershed Council in their development of an assessment of the North Powder River Watershed. Continuous monitoring of the water levels, air temperature and water temperature in the North Powder River and Anthony Creek will be accomplished. The monitoring data will greatly enhance the knowledge of how water quality relates to water quantity in these streams. Water quantity data will provide information to aid the Powder Valley Water Control District and the local Water Resources Department personnel in improved management of the available water including stored water that is beneficial to summer stream flows.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-616	OWEB		Ontario Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 05-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$24,191.26	Middle Snake-Boise

Project Description

Fund water quality monitoring by the City of Ontario as part of its stormwater management plan.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-154	OWEB		Powder Basin Water Quality Monitoring, 01-02	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	05-JAN-01 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$18,854.24	Middle Snake-Powder

Project Description

The purpose of this project is to continue water quality baseline monitoring in the Powder Basin over a two year period. The Baker County Soil and Water Conservation Districts and other partner initiated a water quality monitoring project in 1995 and continued monitoring into 1996. Baseline water quality data was also collected in 1999 and 2000 to complement this data. However, this data is insufficient to accurately assess current water quality conditions within the basin. This project will augment data collected during the 1995/1996, 1999/2000 project and the 1997 fecal coliform data. It will continue coordinated water quality monitoring efforts in the basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-807	OWEB		Purchase of Monitoring Equipment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-JUN-00 - 30-JUL-02	Salmon Research, Monitoring, and Evaluation	\$88,000.00	\$0.00	Oregon - Statewide

Project Description
 Purchase water quality and habitat monitoring equipment and supplies for use by watershed councils, SWCD's and others.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-029	OWEB		Rogue Fish Presence Surveys On Forrest Lands	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-FEB-01 - 20-OCT-03	Salmon Research, Monitoring, and Evaluation	\$48,546.99	\$0.00	Southern Oregon Coastal

Project Description
 Electrofishing surveys will be conducted on streams throughout the Rogue Basin to determine the presence of fish so that appropriate protection will be applied during forest management activities under the Oregon Forest Practices Act. Surveys will be conducted on streams where fish use is currently unknown. In addition, barriers encountered during these surveys will be identified; barrier information will be used to identify cooperative projects with landowners to improve fish access to underused habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-416	OWEB		Siuslaw Volunteer Est. Monitoring Initiation	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 15-JAN-03	Salmon Research, Monitoring, and Evaluation	\$10,672.00	\$0.00	Northern Oregon Coastal

Project Description
 The Siuslaw estuary has had a notable lack of long term, continuous monitoring in the past 30 years. Because of this, there are many unknown factors that make it difficult to plan and carry out projects in the estuary which will be vital to salmon restoration and protection efforts. The estuary is located mainly in the Florence area, which is the most densely populated and urbanized area of the watershed. Therefore, water quality issues are also of great concern. Volunteers who are well trained and supervised can gather continuous, long-term, accurate data. These volunteers are also a source of public support for and education about water quality/salmon restoration efforts. This project proposes to contract a qualified individual to conduct start-up activities: Initiate a public awareness campaign; recruit and train volunteers; gather existing data; and seek long-term funding and support for the project from public and private sources so that the project can continue for at least three years.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-485A	OWEB		Stream Habitat & Water Quality in the Applegate	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JAN-01 -	Salmon Research, Monitoring, and Evaluation	\$44,025.00	\$0.00	Southern Oregon Coastal

Project Description
 Continue monitoring the physical, chemical and biological health of streams in the Applegate sub-basin, with a focus on sediment, flow and temperature impacts on salmonid habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-087	OWEB		Student WS Research Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	16-FEB-01 - 29-AUG-02	Salmon Research, Monitoring, and Evaluation	\$2,324.69	\$0.00	Lower Columbia

Project Description
 The Student Watershed Research Project (SWRP) will upgrade and maintain its watershed monitoring and education program in the Portland metropolitan area. SWRP will facilitate quality control, manage and share data, provide classroom and field assistance to participants, provide training to interested groups and individuals, and facilitate a public event showcasing student findings in local watersheds. SWRP will improve internet resources for volunteer monitoring and watershed studies, revised Riparian Vegetation Assessment parameters, and develop a revise edition of our Manual of Field and Lab Procedures.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-087A	OWEB		Student WS Research Project (Bal of 200-087)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	16-FEB-01 - 29-AUG-02	Salmon Research, Monitoring, and Evaluation	\$53,678.01	\$0.00	Lower Columbia

Project Description
 The Student Watershed Research Project (SWRP) will upgrade and maintain its watershed monitoring and education program in the Portland metropolitan area. SWRP will facilitate quality control, manage and share data, provide classroom and field assistance to participants, provide training to interested groups and individuals, and facilitate a public event showcasing student findings in local watersheds. SWRP will improve internet resources for volunteer monitoring and watershed studies, revised Riparian Vegetation Assessment parameters, and develop a revise edition of our Manual of Field and Lab Procedures.

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Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-444	OWEB		Tillamook Cnty Prfrmnce Prtnrshp Env Mon Prog	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 09-APR-03	Salmon Research, Monitoring, and Evaluation	\$125,234.55	\$0.00	Northern Oregon Coastal

Project Description
Fund a two-year monitoring project in the Tillamook Bay Watershed to assess salmonid recovery efforts and track baseline environmental quality levels.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-126	OWEB		Trout and Sagebrush Creeks Gaging Stations	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-FEB-01 - 22-JAN-04	Salmon Research, Monitoring, and Evaluation	\$9,944.00	\$0.00	Deschutes

Project Description
We are seeking funds to continue to operate the two gauging stations installed by Oregon Water Resources Dept on Trout Creek and Sagebrush Creek for the next two years ending in Oct. 2002.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-497	OWEB		Umpqua Stream Temperature Characterization 2000	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 17-OCT-01	Salmon Research, Monitoring, and Evaluation	\$14,630.00	\$0.00	Southern Oregon Coastal

Project Description
Monitor stream temperatures in approximately 900 square miles of the Umpqua Basin using 90 Umpqua Basin Watershed Council monitoring sites to assist in the development of water quality management plans.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-090B	OWEB		Unname Creek No. 3 (Sutter Creek) Culvert & Stream Rest.	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	28-JUN-02 - 15-DEC-03	Salmon Research, Monitoring, and Evaluation	\$10,000.00	\$0.00	Willamette

Project Description

Improvements will be made to the culvert crossing and streambed on Honey Grove Road at Milepost 2.21 by replacing the existing culvert with an oversized arch culvert and restoring the streambed that has been scoured below the existing culvert. The project area will be replanted with native or other suitable vegetation to enhance the restoration of this area. This will provide fish passage to excellent habitat upstream

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-127	OWEB		Upper Deschutes Water Quality Specialist	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	21-MAR-01 -	Salmon Research, Monitoring, and Evaluation	\$55,836.00	\$0.00	Deschutes

Project Description

This proposal requests two years of funding to hire a Water Quality Specialist in the Upper and Little Deschutes sub-basins. The Specialist will begin implementation of the framework for regional, coordinated monitoring in the Upper and Little Deschutes sub-basins and assist with the development of TMDL's in the same sub-basins. The regional program focuses on monitoring the status and trends of resource conditions, compliance with standards, and effectiveness of management activities.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-159	OWEB		Walla Walla River Surface-Ground Water Dynamics Study	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	05-JAN-01 - 29-OCT-02	Salmon Research, Monitoring, and Evaluation	\$59,620.00	\$0.00	Middle Columbia

Project Description

This project would create a sound technical platform for further hydrologic investigations of the Walla Walla Watershed. It would compile all existing hydrogeologic information and using this information to produce a map of the shallow aquifer system. Also a gain-loss study conducted along the mainstem of the Walla Walla River would provide quantitative estimates of seasonal ground surface water exchange rates and use water quality parameters for establishing a chemical signature for the shallow aquifer system.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-160	OWEB		Walla Walla Trout & Summer Steelhead Radio Telemetry Monitor	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	05-JAN-01 -	Salmon Research, Monitoring, and Evaluation	\$86,240.00	\$0.00	Middle Columbia

Project Description
 This project would expand the Umatilla River Bull Trout Radio Telemetry project into the Walla Walla River, and also provide critical information on summer steelhead spawning distribution in the Oregon portion of the Walla Walla River. Know seasonal distributions of these ESA listed "threatened" salmonid species will help guide restoration priorities throughout the basin.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-593	OWEB		Wallowa County Stream Flow Gaging Stations	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 08-APR-02	Salmon Research, Monitoring, and Evaluation	\$20,000.00	\$0.00	Lower Snake

Project Description
 This project will continue the operation of seven stream gauging stations in the Lostine River, Bear Creek, and the Wallowa River. These gages provide information on stream hydrographs, irrigation usage, and irrigation return flows.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-155	OWEB		Wallowa County Stream Flow Gaging Stations	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	04-SEP-01 - 23-JUL-03	Salmon Research, Monitoring, and Evaluation	\$42,270.00	\$0.00	Lower Snake

Project Description
 This project will continue the operation of seven mainstem streams gages, three in the Lostine River, two in Bear Creek, and two in the Wallowa River. These gages are operated in conjunction with irrigation diversion gages located in the same streams to provide information on stream hydrographs, irrigation usage, and irrigation return flows.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-157	OWEB		Water Quality Monitoring Coordinator and Data Analyst	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	13-MAR-01 -	Salmon Research, Monitoring, and Evaluation	\$83,365.00	\$0.00	Middle Columbia

Project Description
 To continue the position of Water Quality Monitoring Coordinator and Analyst to manage the implementation of the Long Term Monitoring Plan as identified in the Umatilla River Basin Total Maximum Daily Load and Water Quality Management Plan, 2000. Monitoring will focus on climate and flow, temperature, sediment and geomorphic assessment for the years of 2001-2003.

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW004h	OWEB	Chris Knutsen, George Westfall, Kevin Good	Habitat and Fish Management Biologists	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Public Outreach and Education	\$14,710.00	\$0.00	Northern Oregon Coastal

Project Description
 Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW004c	OWEB	David Loomis, Jim Brick	Habitat and Fish Management Biologists	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Public Outreach and Education	\$13,100.00	\$0.00	Southern Oregon Coastal

Project Description
 Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-909	OWEB		LCREP 2003-05 program support	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Public Outreach and Education	\$0.00	\$200,000.00	Oregon - Statewide
Project Description					
LCREP 2003-05 program support					

Project Ref	Grantee	Subgrantee	Project Name	State	
ODF005	OWEB	ODF	Oregon Plan Education and Outreach	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Public Outreach and Education	\$74,967.00	\$49,978.00	Oregon - Statewide
Project Description					
This project will fund a public information specialist to serve as an agency technical expert on preparation of educational materials and training activities specifically intended to improve the public's understanding of their impacts on salmon sustainability and how ODF programs assist in the conservation, restoration and long term sustainability of salmon runs and their habitats.					

Project Ref	Grantee	Subgrantee	Project Name	State	
ODFW001c	OWEB	Kim Jones	Aquatic Inventories Program	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Public Outreach and Education	\$30,400.00	\$0.00	Oregon - Statewide
Project Description					
The Aquatic Inventories Program is comprised of 5 projects: (1) monitor aquatic and riparian habitat in coastal basins at randomly selected sites as part of the Oregon Plan for Salmon and Watersheds, (2) provide quantitative assessments of aquatic and riparian habitat in streams and rivers throughout the state of Oregon, (3) monitor the response of habitat restoration projects, (4) conduct selected studies on salmonid and non-salmonid populations, and (4) conduct studies on salmonid use and performance in estuaries. This project funds 2.0 FTE to direct project implementation.					

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-127	OWEB		Deschutes Basin WS Education	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	09-OCT-03 -	Public Outreach and Education	\$30,000.00	\$0.00	Deschutes

Project Description
 Wolfree would hire a ¾ time person to continue working with Jefferson and Deschutes County schools in a watershed education program began two years ago. This project will allow them to lead 50 field trips, involve 1,000 community members and continue working in the classrooms with teachers and students from grades 5 through high school. OWEB funds would be used to support a .75FTE with benefits for the 2003-2004 school year.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-150	OWEB		Grande Ronde Basin Natural Resource Education & Outreach	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	06-OCT-03 -	Public Outreach and Education	\$12,900.00	\$0.00	Lower Snake

Project Description
 The project will support natural resource education and outreach activities in Union & Wallowa counties and work with local partners. Project products include educational outreach survey, 5-year outreach plan, 4 issues of Ripples, month outreach calendar, natural resources materials directory, website, field trips and training. OWEB funds are requested mileage/training (6%), education coordinator (65%), newsletter printing (20%), materials/survey (6%). Other cost-share partners include USFS, BPA, Wallowa and Union SWCD.

Project Ref	Grantee	Subgrantee	Project Name	State
ODFW004m	OWEB	Christopher Yee, Kelly Reis, Suzanne Knapp	Habitat and Fish Management Biologists	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Public Outreach and Education	\$11,152.00	\$0.00	Willamette

Project Description
 Assistant District Biologist (2.92 FTE): Work directly with District Fish Biologists and are associated with ongoing District fieldwork such as landowner assistance, habitat restoration, creel surveys, and other fish management activities that support the Oregon Plan. Serve as lead worker to field crews, and often share responsibility with the District Fish Biologist to represent the Department at public meetings. They work with the District Fish Biologist in development of annual angling regulations that protect indigenous stocks. Habitat Biologist (3.0 FTE): Provide technical assistance/consultation for State/Federal agencies, local governments, watershed councils, and landowners on protection, enhancement and restoration of fish and wildlife habitats. Assist with critical elements of the Oregon Plan, which are to allow sustainable development and also minimize, mitigate, or eliminate negative impacts to fish and wildlife habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
ODFW005	OWEB	Jeff Boechler, Kathy Shinn, Meghan Collins,	I and E Water Education	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Public Outreach and Education	\$249,264.00	\$0.00	Oregon - Statewide

Project Description

Communicate with Oregon residents and visitors through a range of avenues including the print and broadcast media, public meetings, special events, and the ODFW Web site to inform and educate them on a variety of issues surrounding salmon and steelhead and their habitats. Possible actions include distributing news releases about habitat and restoration projects, hosting public meetings to gather input on angling regulations and proposed changes, writing and posting information to ODFW's Web site, sending information to individuals who sign up to receive electronic mailing lists, and filling media requests for information. Participate as active members of the Oregon Plan Outreach Team by attending meetings and completing tasks listed in the communication plan. Communication support also will be provided to the Diamond Lake restoration team to educate and inform the public about restoration activities at the lake and potential downstream affects to salmonids and water quality.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-080	OWEB		Little Butte News	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Public Outreach and Education	\$5,891.00	\$0.00	Southern Oregon Coastal

Project Description

This project proposes to increase the council's ability to provide outreach information to stakeholders in the watershed on project activities. The vehicle for providing the information would be an insert in the local newspaper on a monthly basis. Funds would provide for 6 half-page issues and 18 of full-page issues. This printing reached about 17,000 persons issue.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 204-178	OWEB		MidCoast WSC Education	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Public Outreach and Education	\$17,656.00	\$0.00	Willamette

Project Description

This project will support a part-time position whose responsibility is to continue the implementation of a successful comprehensive watershed awareness/education program in the mid-coast region through: 1) the recruitment and training of area teachers, volunteers and other community groups to utilize watershed curricula and water quality monitoring equipment; 2) the education of K-12 students and community citizens during field trips, restoration projects, presentations, fairs and outdoor education programs and; 3) the development of mentor teachers. OWEB funds will be used for staff wages, travel (primarily school bus trips), supplies and minor production costs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
DEQ002	OWEB	ODEQ	Oregon Plan Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Public Outreach and Education	\$782,182.00	\$0.00	Northern Oregon Coastal

Project Description
Assess ecological condition of salmonid habitat in Coastal Coho and Willamette Steelhead ESUs

Project Ref	Grantee	Subgrantee	Project Name	State
OWRD002c	OWEB	OWRD	OWRD Education and Outreach	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Public Outreach and Education	\$18,371.70	\$0.00	Oregon - Coastal

Project Description
Provide technical assistance and outreach to support streamflow restoration efforts. Project will target ESUs that occur in Oregon coastal watersheds and Columbia River tributaries in Oregon.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-058	OWEB		Siuslaw Middle School Stream Team	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Public Outreach and Education	\$5,500.00	\$0.00	Northern Oregon Coastal

Project Description
A variety of teaching methodologies, including classroom learning, hands-on field research and actual restoration activities would be employed in this education project to increase the knowledge of watershed science and ecology for 150 seventh-grade students in the Siuslaw Middle School in Florence. The majority of OWEB funds would be used for equipment and travel (school bus rental, primarily), with lesser amounts budgeted for supplies and production costs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-111	OWEB		Spawning WS Education	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	08-OCT-03 -	Public Outreach and Education	\$3,795.00	\$0.00	Willamette

Project Description
 This program is a landowner, student and teacher education program within the McKenzie watershed. Multiple strategies of landowner and teacher workshops, community fairs, and classroom presentations will help promote community understanding and stewardship. OWEB funds would be used primarily for personnel and production costs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-112	OWEB		Upper Willamette WSC Media Outreach	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	08-OCT-03 -	Public Outreach and Education	\$12,584.00	\$0.00	Willamette

Project Description
 A coalition of Upper Willamette Basin Councils (McKenzie, Middle and Coast Fork Willamette) has formed to develop and deliver a model public outreach campaign designed to elevate the councils' profiles and media contacts. OWEB funds would be used primarily for contracted services and supplies.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 204-173	OWEB		Watershed Stewardship (WSEP)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	29-OCT-03 -	Public Outreach and Education	\$80,965.00	\$0.00	Oregon - Statewide

Project Description
 The Watershed Stewardship Education Program (WSEP) will be delivered in 20 venues statewide to provide watershed groups and citizens with watershed education. The WSEP increases the capacity of watershed groups and community members to identify and address water resource issues at local levels. Master status is given to those participants who complete a Core Program or an Institute Program in addition to a voluntary watershed project. OWEB funds will be used to support program management (WSEP staff, travel, supplies and materials, website maintenance, newsletter printing and mailing) and program delivery (curriculum development, facility rental, field trip transportation, learning guides, supplies and materials, contract educators and their travel).

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Project Ref	Grantee	Subgrantee	Project Name	State	
DEQ001b	OWEB	ODEQ	Willamette TMDLs: Outreach and Education	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Public Outreach and Education	\$25,000.00	\$0.00	Willamette

Project Description
Engage stakeholders in the development of the Willamette TMDLs

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-151	OWEB		"Shed-Ed" Collaborative Watershed Education Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	27-AUG-01 - 24-OCT-02	Public Outreach and Education	\$70,000.00	\$0.00	Willamette

Project Description
Provide opportunities for students to expand their knowledge of natural resources principles and apply that knowledge to real-world problem solving, research and management applications. This will be accomplished by linking education with technical experts in the field. This collaboration between educators and technical experts will plan for hands-on opportunities in the field and connect classroom experiences to real-world applications and career opportunities and meet CIM & CAM requirements.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-623	OWEB		"Shed-Ed" Collaborative WS Education Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-AUG-02 -	Public Outreach and Education	\$103,400.00	\$0.00	Willamette

Project Description
The North Santiam Watershed Council proposes continued development of its Shed-Ed program which consists of a 3-year integrated course of instruction directed toward Natural Resource CAM proficiencies. The program is currently used at Santiam High School in Mill City and North Santiam High School in Stayton. OWEB funds would be used for project coordination, teacher and resource professionals, transportation, field and classroom supplies, printing, mailing, computers and monitoring equipment.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-366	OWEB		"Weed" The Play	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	22-OCT-01 -	Public Outreach and Education	\$10,578.00	\$0.00	Middle Columbia

Project Description

The project proposes to put on a play that shows the various effects that natural resources issues can have on rural economies and the need for cooperative efforts in making natural resources decisions. The play also demonstrates the effort in making natural resource decisions and the pressures on the ranching lifestyle.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-115	OWEB		Applegator Newspaper	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-SEP-01 - 18-AUG-03	Public Outreach and Education	\$49,337.37	\$0.00	Southern Oregon Coastal

Project Description

The Applegate River Watershed Council (ARWC) proposes to continue to publish the Applegator newspaper for the next two years. The Applegator has served as an indispensable tool for promoting awareness of and participation in watershed restoration and salmon recovery. With extensive participation by the community to publish the newspaper, it has become a resource by and for the Applegate community. The Applegator has become a cornerstone of outreach efforts and is a true Oregon Plan success story.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-129	OWEB		Applegator Newspaper	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-MAR-03 -	Public Outreach and Education	\$39,542.00	\$0.00	Southern Oregon Coastal

Project Description

This project proposes to continue the publication of the Applegator newspaper for the 2003-2005 biennium. The Applegator has served as the primary outreach and education tool for the Applegate River watershed Council and Applegate partnership for eight years. It is used as a tool to promote awareness of and participation in watershed restoration, salmon recovery, fire hazard reduction and emergency preparedness and community building. Community participation in producing the Applegator, as well as agency reliance on its use as an outreach tool, has increased during the past two years.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-167	OWEB		Community Rivers Education & Outreach Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	05-MAR-03 -	Public Outreach and Education	\$41,800.00	\$0.00	Deschutes

Project Description
The Community Rivers Program to improve watershed awareness, develop funding and implement on-the-ground restoration projects will be accomplished by working with the rapidly growing urban areas in Deschutes County. The primary audience will be will be riverfront property owners, elected officials, the media, community groups and recreational users. This project would provide funding for a staff person to conduct several on-going watershed education activities.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-110	OWEB		Conservation District Accounting System & Database	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-OCT-02 -	Public Outreach and Education	\$53,714.00	\$0.00	Oregon - Statewide

Project Description
The Oregon Association of Conservation Districts will lead the development of a statewide standard, uniform accounting system for all 45 conservation districts and the development of a database on Oregon's conservation districts and OACD. OWEB funds will be used for contracting with the service provider, developing the software program, printing and delivering the step-by-step manual, updating district payrolls, training, travel, and telephone support.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-721	OWEB		Creeks and Kids	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-JUN-02 - 28-JAN-04	Public Outreach and Education	\$13,691.36	\$0.00	Oregon - Statewide

Project Description
The Creeks and Kids workshops provide training for K-12 educators through summer workshops with both field work and classroom activities. This project would support two workshops in 2002 for 50 teachers. OWEB funds would be used for teacher lodging and meals (53%), staff expenses, materials and transportation.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-655	OWEB		Crooked River Ecosystem Education Council	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	29-AUG-02 - 29-JUL-03	Public Outreach and Education	\$7,200.00	\$0.00	Deschutes

Project Description
 The Crook County schools, Ochoco National Forest and other natural resource groups have developed education programs that have been operating for 10 years. They are seeking funds to help repair and upgrade materials used for Fish Fest, Stream Field Experience and the Senior Fishing Derby.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-341	OWEB		Crooked River Natural Resource Brochure	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-DEC-01 - 19-SEP-03	Public Outreach and Education	\$4,225.00	\$0.00	Deschutes

Project Description
 This project would develop a brochure for landowners along streams to inform them of state and local rules, the importance of resource values and assistance information.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-062	OWEB		Crossing Boundaries	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	07-JUL-01 - 26-OCT-02	Public Outreach and Education	\$37,837.89	\$0.00	Lower Columbia

Project Description
 This project proposes to expand the current network of schools involved in watershed education to include more schools throughout the Lower Columbia River Estuary Program study area. Crossing Boundaries educates elementary through high school age children about watersheds and water quality in the classroom and through hands-on projects.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-214	OWEB		Demo of Soil & Water Stewardship Using Drip Irrigation	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-APR-03 -	Public Outreach and Education	\$38,525.00	\$0.00	Middle Snake-Boise

Project Description
 Subsurface drip irrigation has the potential to improve irrigation efficiency and reduce irrigation-induced erosion, runoff and groundwater contamination, all of these problems are prevalent in the Pacific Northwest. This project will use practical demonstration and education to expand subsurface drip irrigation that was developed for onions, proving feasibility on additional crops and situations, using a wide-range of cooperators. OWEB funds are requested for salary (70%), seed and fertilizer (6%), moisture sensors/publication (4%), contract labor (10%), administration (9%). Cost-share partners include DEQ 319, Malheur Experiment Station, Irrrometer Co. Inc. and T-Tape.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-523	OWEB		Demonstration of Soil and Water Stewardship	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-MAR-02 - 31-DEC-03	Public Outreach and Education	\$37,326.00	\$0.00	Middle Snake-Boise

Project Description
 The project uses practical demonstration and education to expand subsurface drip irrigation (SDI) that the Malheur Field Station developed for onions by proving feasibility on additional crops and situations using many cooperators and partners. Implementation of the project will help to address water quality problems related to irrigation-induced runoff and leaching. OWEB funds are requested for salary, pipe, moisture sensors, contract labor and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-653	OWEB		Deschutes Basin WS Education	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	28-JUN-02 - 05-AUG-03	Public Outreach and Education	\$30,000.00	\$0.00	Deschutes

Project Description
 Wolfree Inc., a nationally recognized ecology education program, will increase its teacher training and the number of field trip days (to a minimum of 23) for outdoor classroom programs for students in the upper Deschutes Basin. A science based curriculum will also be supported in the Jefferson County schools, grades K-12 together with ongoing support to the existing schools already participating.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-337	OWEB		Forest Health Outreach Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-OCT-01 - 16-JUN-03	Public Outreach and Education	\$9,693.34	\$0.00	Klamath

Project Description

This program will provide information and resources to private woodland owners, raise awareness of watershed and forest health issues, and aid in implementing good forest management practices. This will be accomplished through distribution of copies of the Forest Health Management Guide, developed by Klamath-Lake Forest Health Partnership, and a series of workshops and tours.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-220	OWEB		Forest Road Assessment & Restoration Workshops	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-JUN-03 -	Public Outreach and Education	\$25,000.00	\$0.00	Oregon - Statewide

Project Description

The OSU College of Forestry, in collaboration with the Committee on Family Forests of the Oregon Board of Forestry, seeks funding to develop and deliver a technical workshop on forest road assessment and restoration. Six, 2-3?day, workshops are planned statewide for forest operators and landowners. OWEB funds will be used for travel and lodging, facility rentals, supplies and materials, and production costs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-364	OWEB		Grande Ronde Basin Natural Resource Outreach	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JAN-02 - 26-FEB-03	Public Outreach and Education	\$30,220.00	\$0.00	Lower Snake

Project Description

The proposed project is an educational/outreach program that will highlight restoration efforts in the Grande Ronde basin and reach landowners who are unaware or wary of participating in restoration projects.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-061	OWEB		H.S. Course: "Interpretive Strategies for Wise Use of NR"	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-NOV-02 -	Public Outreach and Education	\$26,516.00	\$0.00	Deschutes

Project Description

The Lewis and Clark Riverfront Trail is a 9.6 mile partially constructed trail between the Columbia Gorge Discovery Center and The Dalles Dam visitor center. Mill Creek flows through The Dalles and four public access sites. The Wahtonka and The Dalles high schools will continue development of interpretive signs through a course just developed for this project to meet the State Certificate of Advanced Mastery (CAM) requirements. Fifteen signs will be designed, constructed and installed. OWEB funds would be used for sign fabrication and installation and partial funding of an instructor for the new course.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-546	OWEB		Increasing Public Access to Biodiversity Data	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-02 -	Public Outreach and Education	\$89,939.00	\$0.00	Oregon - Statewide

Project Description

Four different resources or tools will be developed to increase public access to biodiversity information: (1) a web-based map-driven tool allowing easy and free access to statewide biodiversity data; (2) a map compiling and consolidating fine-scale data on vegetation and habitat types; (3) a guide to wetland and riparian habitats and plant communities in Eastern Oregon; and (4) a similar guide covering Northwestern Oregon. All materials will be made available free of charge to watershed councils, government agencies, and members of the general public. The largest block of OWEB funds would go toward personnel (\$50,000), with other major expenses for design and printing, computers, and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-221	OWEB		Instream Water Rights Toolbox	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-NOV-03 -	Public Outreach and Education	\$19,640.00	\$0.00	Oregon - Statewide

Project Description

Oregon Water Trust, in collaboration with For Sake of the Salmon, seek funds to jointly provide education and training to watershed councils and other conservation groups on ways to restore and protect instream water rights under Oregon water law. OWEB funds will be used to support personnel costs related to developing the toolbox, travel and lodging, design and production of materials, and production costs related to outreach.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-651	OWEB		Library Outdoor Learning Center Interpretive Panels	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-AUG-02 - 28-APR-03	Public Outreach and Education	\$3,530.00	\$0.00	Deschutes

Project Description
 A steering committee is guiding the development of an outdoor learning center on a 5 acre site with 1,300' of frontage on the Crooked River and adjacent to the new Crook County Library. This project would enable the design, construction and placement of four interpretive panels.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-436	OWEB		Livestock & Pasture Management Planning	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	13-FEB-02 - 18-DEC-02	Public Outreach and Education	\$10,147.59	\$0.00	Southern Oregon Coastal

Project Description
 This project will produce 25 livestock management plans for small-scale agricultural operators ("hobby-farmers"). A livestock and pasture consultant will be hired to visit the properties and discuss management objectives with the managers. Plans will then be prepared including best management practices. Emphasis will be placed on management practices that improve water quality.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-494	OWEB		Living on a Few Acres Improving Land Mangement Practice	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-FEB-02 - 15-OCT-03	Public Outreach and Education	\$30,451.00	\$0.00	Deschutes

Project Description
 This project would conduct five small acreage management workshops, taught by OSU Extension and SWCD technicians in Deschutes, Jefferson and Crook counties. Each workshop will include a tour and on-farm demonstrations. OWEB funds will be used for transportation costs, public outreach, materials, equipment, facility rentals and coordinator's time for project management.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-156	OWEB		Lost Creek Education, Outreach and Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-AUG-01 - 04-SEP-02	Public Outreach and Education	\$49,765.00	\$0.00	Willamette

Project Description
 Lost Creek Watershed Group proposes hiring a FTE Watershed Educator to implement our objectives. 50% of his/her time will be spent educating young people throughout the Lowell and Pleasant Hill school districts, using The Stream Scene curriculum. Learning strategies include lectures, field trips, hands-on activities. Approximately 30% of the Educator's time will be spent on public outreach. The remaining 20% will be spent coordinating volunteer water quality monitoring and volunteer stream surveys.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-222	OWEB		Macroinvertebrate Monitoring Program Development Assistance	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-FEB-03 -	Public Outreach and Education	\$29,440.00	\$0.00	Oregon - Statewide

Project Description
 The Xerces Society seeks funds to develop an education/outreach project that will lead 12 watershed councils through the process of macroinvertebrate monitoring and establish long-term monitoring stability. In 2000, the OWEB Board awarded funds to the Xerces Society to develop a CD-ROM on "Macroinvertebrate Monitoring and Identification (200-198)," which is scheduled for completion in March 2003. OWEB funds will be used primarily for personnel costs, and secondarily, for travel, supplies and materials, and equipment.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-460	OWEB		Make A Ripple Make A Wave	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	05-MAR-02 - 12-AUG-02	Public Outreach and Education	\$14,795.00	\$0.00	Willamette

Project Description
 The project will help in elementary schools in the Salem, Albany, Washington County, and Calapooia/South Santiam watershed areas. OWEB funds are requested for travel, artists/coordinator/booking fees, translation/adaptation and rehearsal costs, audio tapes, songbooks, and administration.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-317	OWEB		Making Ripples: Community Building for Water Quality	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-OCT-01 -	Public Outreach and Education	\$10,000.00	\$0.00	Willamette

Project Description

The proposal would partially fund an education coordinator to implement the "Making Ripples: Community Building for Water Quality" program. The project targets local urban and suburban residents and K-12 students. The program goals are to increase awareness and community involvement in watershed issues.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-723	OWEB		Manuer Management Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-AUG-02 - 11-DEC-03	Public Outreach and Education	\$37,000.00	\$0.00	Oregon - Statewide

Project Description

The proposed project continues support for two water quality technicians that work directly with dairy producers to develop manure management plans, calibrate manure application equipment, and assist producers with soil sampling and proper application rates. OWEB funds would support personnel costs (72%), travel, soil sampling, office expenses, and education workshops.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-064	OWEB		Mapleton Schools Natural Resource Education Program II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-JUL-01 -	Public Outreach and Education	\$13,605.00	\$0.00	Willamette

Project Description

The Siuslaw Institute, in collaboration with the Mapleton School District, has initiated and carried out the first two years of a Natural Resource Education Program in the Mapleton Schools. This inter-disciplinary program will continue to utilize new and existing natural resource educational materials, hands-on activities and projects, faculty skills, guest speakers with technical expertise in watershed and salmon recovery, and an education specialist who serves to coordinate program elements for the schools

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-563	OWEB		MidCoast WS Council Education Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-JUN-02 - 21-JAN-04	Public Outreach and Education	\$24,900.00	\$0.00	Northern Oregon Coastal

Project Description

This project would fund the continuation of a comprehensive watershed awareness and education program in the elementary, middle and selected classes in the high schools of Lincoln County. The program utilizes activities in the schools and communities, as well as in summer programs, to teach watershed issues. OWEB funds will be used primarily to fund a part-time education coordinator and for student and coordinator transportation costs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-128	OWEB		Natural Resources WS Education Through Science Inquiry	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-APR-03 -	Public Outreach and Education	\$3,320.00	\$0.00	Southern Oregon Coastal

Project Description

This project proposes to expand Pacifica's outreach program for natural resource education. This includes information and instruction in watershed-based science inquiry. The program is focused on grades K- 8 and is delivered through a mobile nature discovery center classroom. It employs a hands-on learning curricula (contextual and experimental) that is aligned with the Oregon Standards and Benchmarks for the certificate of Initial Mastery and the Certificate of Advanced Mastery.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-591	OWEB		Nature's Treasures Science Fair/ Water Festival	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-JUL-02 - 13-MAR-03	Public Outreach and Education	\$1,917.44	\$0.00	Southern Oregon Coastal

Project Description

This project proposes to sponsor a science fair and water festival. The events will include students, their family members and local community members. The events encourage active participation and will focus on watershed stewardship and natural resources.

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Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-061	OWEB		Neawanna Natural History Park - Estuary/Watershed Discovery	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	23-JUL-01 -	Public Outreach and Education	\$22,600.00	\$0.00	Northern Oregon Coastal

Project Description
 The Estuary/Watershed Discovery is a citizen based natural resource program designed to engage community members and visitors.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-262	OWEB		Noxious Weeds Public Affairs Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	16-JUL-01 -	Public Outreach and Education	\$88,095.00	\$0.00	Oregon - Statewide

Project Description
 This is a continuation of the project funded by OWEB in 1999 for an aggressive public affairs program to educate citizens, local leaders, and others about the devastating effects of noxious weeds. The intent is to raise the priority level and responsibility for noxious weed prevention and control. This will result in better control activity from all citizens, and communities.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 201-905	OWEB		ODA Landowner Workshops	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-SEP-01 - 30-JUN-03	Public Outreach and Education	\$30,000.00	\$0.00	Oregon - Statewide

Project Description
 Oregon Dept of Agriculture landowner workshops

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 203-904	OWEB		ODA Position- CREP thru 06-30-03	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-OCT-02 - 17-SEP-03	Public Outreach and Education	\$51,946.63	\$0.00	Oregon - Statewide

Project Description
 Fund CREP position

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-223	OWEB		On-Line Threatened & Endangered Species Guide	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-FEB-03 -	Public Outreach and Education	\$20,053.00	\$0.00	Oregon - Statewide

Project Description

The Oregon Natural Heritage Information Center (ORNHIC) and OSU are seeking funds to expand previous OWEB-funded work by developing an on-line guide to threatened and endangered species in Oregon. In 2001, the OWEB Board awarded funds to ORNHIC for two projects involving developing biodiversity data (201-548) and increasing public access to data (201-546), both of which are scheduled for completion in the first half of 2003. OWEB funds will be used primarily for personnel costs related to reserach; data compilation, consolidation, and digitization; and computer programming.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-544	OWEB		Oregon Watershed Weeks 2002-03	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-FEB-02 -	Public Outreach and Education	\$63,910.00	\$0.00	Oregon - Statewide

Project Description

This project will continue and expand the pre-existing "Oregon Watershed Weeks" program during September 14 through October 20 in 2002 and September 13 through October 19 in 2003. Watershed councils and other organizations will be recruited to host watershed education and public involvement activities during these times. Outreach materials and at least one web site will describe and promote these events. About 2/3 of OWEB funds would support the "marketing and evaluation coordinator," and most of the rest would go for publications.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-109	OWEB		Oregon Wetlands Reserve Program Partnership	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-NOV-02 - 11-AUG-03	Public Outreach and Education	\$16,000.00	\$0.00	Oregon - Statewide

Project Description

Ducks Unlimited proposes to build on a successful partnership initiated in 1999 to address one of the most significant barriers – lack of administrative support – to implementation of the Wetlands Reserve Program in Oregon. OWEB funds will be used to help fund costs of the personnel contract for the WRP support and administration position.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-397	OWEB		Oregon's Greatest Wetlands Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-OCT-01 - 06-AUG-03	Public Outreach and Education	\$19,800.00	\$0.00	Oregon - Statewide

Project Description
The applicant proposes to create a map of Oregon's greatest wetlands with an integrated multi-media database. A web site will be used to disseminate the information.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-190	OWEB		Outreach Program for WS Action Planning	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	16-FEB-03 -	Public Outreach and Education	\$17,945.00	\$0.00	Middle Snake-Powder

Project Description
The Education Committee of the Powder Basin Watershed Council presents this proposal to contract for an Outreach Program Coordinator to develop a dual program for Watershed Action Planning. The basin document will outline the important steps to initiate Watershed Action Plans in assessed watersheds. The accompanying document will present the outreach program necessary to achieve local participation and support at every step of the planning process. OWEB funds are requested for an outreach contractor (85%), supplies/materials (5%) and administration (10%). Cost-share partners are the BOR, BLM, OSU Extension Service, DEQ, NRCS and volunteers from the Powder Basin WSC.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-903	OWEB		OWEB Business Partnership Coordinator	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-SEP-01 -	Public Outreach and Education	\$150,000.00	\$0.00	Oregon - Statewide

Project Description
OWEB Business Partnership Coordinator

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-902	OWEB		OWEB Outreach and Education Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-SEP-01 -	Public Outreach and Education	\$150,000.00	\$0.00	Oregon - Statewide

Project Description
OWEB Outreach and Education Program

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-904	OWEB		OWEB Statewide Education Needs	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-SEP-01 -	Public Outreach and Education	\$100,000.00	\$0.00	Oregon - Statewide

Project Description
OWEB Statewide Education & Needs

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-508	OWEB		Owyhee WSC Education & Technical Support Project	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-FEB-02 -	Public Outreach and Education	\$66,011.00	\$0.00	Middle Snake-Boise

Project Description
The Owyhee Watershed Council Education and Technical Support Project seeks to increase public and council awareness in the Owyhee basin about watershed issues, and to continue and expand an extensive outreach program. Products include a newsletter, news articles, road signs, establishment of the council data base, classroom outreach, town hall meetings, tours and on-farm demonstrations. OWEB funds are requested for the educational outreach coordinator, travel, supplies, newsletters, mailing, signs, equipment and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-399	OWEB		Resource Assistance for Rural Environments	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	28-MAY-02 -	Public Outreach and Education	\$81,308.00	\$0.00	Oregon - Statewide

Project Description
This program proposes to place eight to ten technical assistants in watersheds across Oregon from October 2001 through September 2002.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-107	OWEB		Salmon Watch Program Expansion	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-OCT-02 -	Public Outreach and Education	\$84,000.00	\$0.00	Oregon - Statewide

Project Description
Oregon Trout seeks funding to expand the Salmon Watch program, a collaborative field-based environmental education program for middle and high school students in Oregon. OWEB funds will be used to support the establishment of two new hubs, implementation of 44 new field trips, procurement of field equipment, and hiring of additional staff to implement the proposed expansion plans.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-718	OWEB		Salmon Watch Program Expansion Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-JUN-02 -	Public Outreach and Education	\$37,000.00	\$0.00	Oregon - Statewide

Project Description
Oregon Trout seeks funding to expand the Salmon Watch® program, a collaborative, field-based environmental education program for middle and high school students in Oregon. The project would hire additional staff to establish two new hubs and implement 44 new field trips. OWEB funds would support personnel costs (61%), travel (30%), supplies and production costs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-269	OWEB		Siuslaw Middle School Stream Team	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-FEB-02 -	Public Outreach and Education	\$10,925.00	\$0.00	Northern Oregon Coastal

Project Description
This proposal would enable the entire seventh grade student body (150 students) of the Siuslaw Middle School located in Florence to participate in a multitude of field and classroom activities that will increase their understanding of watershed resources and issues.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-620	OWEB		Slough School-Columbia Slough WS Education Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-JUN-02 -	Public Outreach and Education	\$93,346.00	\$0.00	Lower Columbia

Project Description

The Columbia Slough Watershed Council proposes an education program for about 3,000 K-12 students in 25 schools. The students will participate in classroom activities, field studies, extended day and summer programs, service learning, and community projects. OWEB funds would be used to hire an educator and pay for student and educator travel, field equipment, and program materials.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-112	OWEB		South Coast Lowland Riparian Silvicultural Guidance	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Public Outreach and Education	\$50,047.00	\$0.00	Southern Oregon Coastal

Project Description

This project will develop guidelines to plan, implement and evaluate riparian agriculture projects in lowland areas of the South Coast of Oregon. The project is a cooperative venture of the Coos, Coquille, Lower Rogue, and South Coast Coordinated Councils. Guidance will be based on a synthesis of the literature, the practical experience of the Councils, and an integrated monitoring effort. The document produced will be targeted towards agencies, Extension, and interested landowners.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-084	OWEB		STELLAR	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	21-OCT-02 -	Public Outreach and Education	\$22,860.00	\$0.00	Middle Columbia

Project Description

This proposal is seeking funds to provide hands-on and student-directed learning experiences in the Walla Walla basin in science and math using the watershed as the principal subject to be studied and explored. Students will be given the tools and knowledge to become critical thinkers and to be equipped to make decisions and judgment about their communities, the local economy and the environment. OWEB funds are requested for a coordinator (66%), native plant propagation (17%) and supplies (10%).

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-561	OWEB		Strategic Planning Workshop for WS Ed in Tillamook Co School	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-JUL-02 - 08-OCT-03	Public Outreach and Education	\$914.92	\$0.00	Northern Oregon Coastal

Project Description
This project would fund a one-day workshop in Tillamook County for teachers, school district administrators, natural resource professionals and watershed council staff and members. The goal of the workshop is to make watershed education more sustainable in the short and long-term and to coordinate resources among school-based watershed education programs in the county. OWEB funds will be used to pay a stipend to twenty schoolteachers to attend the workshop, as well as travel expenses, lunch for the attendees and supplies/materials.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-271	OWEB		Stream Demonstration Model	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-NOV-01 -	Public Outreach and Education	\$5,689.00	\$0.00	Northern Oregon Coastal

Project Description
This is an on-going project that provides a stream demonstration model and model handler/presenter to schools, fairs and civic groups, primarily in the Mid-Coast region.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-056	OWEB		Student WS Research	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-SEP-02 -	Public Outreach and Education	\$42,031.00	\$0.00	Lower Columbia

Project Description
This proposal is to provide technical and educational coordination and support to teachers and watershed councils involved in long-term baseline monitoring and watershed education in the Portland metropolitan area. OWEB funds are requested for personnel, travel, web service, supplies, production costs and administration.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-462	OWEB		Team Up "Green Team"	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-FEB-02 - 12-SEP-03	Public Outreach and Education	\$32,951.00	\$0.00	Lower Columbia

Project Description

Two "Green Teams" of high school and community college students will be created to work on watershed restoration in the Tualatin and Sandy watersheds. Each team of 10 to 15 students will receive 32 hours of training with a focus on hands-on restoration and monitoring. The primary goal of the Team-Up "Green Team" program is to bring a variety of funding partners and groups together to work cooperatively on enhancement sites, learning about watershed health issues and building long-term relationships. OWEB funds are requested to support SOLV staff time to develop and implement the program, travel, student transportation, training assistance, instructional materials, site revegetation costs, film, presentation production costs, monitoring equipment and administration.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-168	OWEB		The Deschutes Basin Atlas Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-MAR-03 -	Public Outreach and Education	\$33,000.00	\$0.00	Deschutes

Project Description

There is a great deal of technical information about natural resources in the Deschutes Basin. This project would create an atlas of this information in a user friendly format. The atlas will help facilitate and guide resource discussion and decisions.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-455	OWEB		Tualatin WS Non-point Source Pollution ED & Outreach	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-MAR-02 -	Public Outreach and Education	\$6,400.00	\$0.00	Lower Columbia

Project Description

This proposal is to fund 110 non-point source pollution presentations over 18 months to elementary school classes, farmers, and community groups and to conduct watershed workshops for teachers. The applicant will offer a total of 80 in-classroom presentations and discussions on the interactions of agriculture, industry, forestry and urban practices on water quality. The project also includes 2 teacher workshops, and 30 presentations at community events. OWEB funds are requested for a part-time educator, office space and administration.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-012	OWEB		Upper Rogue WS Association Ed/Outreach	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	11-OCT-02 -	Public Outreach and Education	\$8,836.00	\$0.00	Southern Oregon Coastal

Project Description

The project proposes to continue the production and delivery of the "UR Watershed News", a monthly educational and informative watershed newsletter. The distribution reaches over 13,000 Upper Rogue residents every month. Articles covered by the full-page newsletter include guidelines for good stewardship, and resource and conservation information. Project funds requested would be used for a project writer, newspaper production costs and administrative fees.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-654	OWEB		Voice for Hood River WS Restoration Interp Signs	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	03-JUL-02 -	Public Outreach and Education	\$12,000.00	\$0.00	Middle Columbia

Project Description

This proposal would design, construct and place 8 or 9 interpretive signs at certain stream restoration sites in each fifth field watershed in the Hood River basin. The signs would address repeated questions about the restoration work accomplished, the history of the watersheds and the fish and wildlife resources. The USFS will pay for four of the signs and OWEB funds would be used to pay for five additional signs.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-724	OWEB		Voluntary Conservation Workshops	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	22-AUG-02 -	Public Outreach and Education	\$90,000.00	\$0.00	Oregon - Statewide

Project Description

Voluntary Conservation Workshops are designed to educate rural producers and small acreage landowners on conservation management practices in the context of a healthy watershed. This project would continue a series of already developed workshops and would implement 50 workshops over two years. OWEB funds would be used for personnel costs (40%), direct mail and publicity (30%), travel (14%), and workshop materials.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-365	OWEB		Walla Walla River Ecology Mural	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	16-OCT-01 - 31-DEC-02	Public Outreach and Education	\$5,500.00	\$0.00	Middle Columbia

Project Description
 The project will create an educational mural portraying the Walla Walla River in a cross-section with the riparian zone and associated land and aquatic life in a manner that visually conveys the interrelationships of a healthy watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-301	OWEB		Water Conservation Ed for Rogue Valley Irrigation Dist	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Public Outreach and Education	\$8,760.00	\$0.00	Southern Oregon Coastal

Project Description
 The applicant will work with irrigation districts to conduct a water conservation and fish protection education program. The program will identify appropriate participants, conduct neighborhood workshops, host an irrigation fair/trade show, and produce an informational pamphlet.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-302	OWEB		Watershed Education and Management Planning Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	18-DEC-01 - 17-OCT-03	Public Outreach and Education	\$51,964.00	\$0.00	Southern Oregon Coastal

Project Description
 The program will educate high school students and teachers in agriculture, biology, earth science, water chemistry and other subjects related to watershed health and water quality. The audience will learn through a series of presentations as well as by completing a management plan for a piece of rural property in their area.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-493	OWEB		Watershed Education Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-FEB-02 -	Public Outreach and Education	\$44,674.00	\$0.00	Klamath

Project Description
 This project will address diverse audiences for the purpose of helping them understand what a watershed is and what influences how a watershed functions. Recent surveys showed that 65% of the population thinks a wetland and a watershed is the same thing and 17 of 18 people could not define a watershed or name the one that they live in. OWEB funds would be used to support wages, benefits and travel for a half-time watershed education coordinator and for workshop supplies and mailings.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-339	OWEB		Watershed Education Program And Facilitator	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	23-OCT-01 - 31-JUL-03	Public Outreach and Education	\$58,480.88	\$0.00	Klamath

Project Description
 This project would provide an assessment workshop using the Stream A Syst program, and location of appropriate follow-up workshops using the Farm/Ranch Water Quality Management Program.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-401	OWEB		Watershed Stewardship Education Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	19-NOV-01 - 01-OCT-03	Public Outreach and Education	\$152,812.00	\$0.00	Oregon - Statewide

Project Description
 This program proposes to offer workshops in select locations around the state during the next two years. The program consists of a series of eight workshops and a Master Watershed Steward program offered at each location.

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Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-150	OWEB		Watershed Stewardship Education Program (WSEP)	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	12-JUL-01 - 03-SEP-02	Public Outreach and Education	\$55,000.00	\$0.00	Oregon - Statewide

Project Description

The Watershed Stewardship Education Program will be delivered in 14 locations around the state. There will be a series of eight workshops and a Master Watershed Steward program offered at each location. Each workshop is six to eight hours (2-3 hours inside, 4-5 hours field). Master recognition is given to those people completing all eight workshops and completing a voluntary watershed planning, enhancement, and/or monitoring project (30-40 hours).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-675	OWEB		Willow Cr Demonstration & BMP Implementation Project	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	06-JUN-02 -	Public Outreach and Education	\$58,448.00	\$0.00	Middle Snake-Boise

Project Description

The Malheur SWCD is seeking funds for a project coordinator to work with the lower Willow Creek Working Group, formed in July 2000 to be proactive on water quality issues. The coordinator will develop and monitor three demonstration projects relative to E. coli and other water quality concerns. Landowners and agencies will be informed about the success of projects and recommended BMP's. OWEB funds are requested for coordinator salary (60%), travel/rent(12%), contracted services- microbiologist (10%), materials/equipment (8%) and administration (10%).

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 203-173	OWEB		Achieving Irrigation Efficiency for Upper Deschutes Basin	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-MAY-03 -	Public Outreach and Education	\$16,122.00	\$0.00	Deschutes

Project Description

Within Deschutes County, irrigation technicians will meet with 20 landowners (all Squaw Creek Irrigation District members) to evaluate their irrigation practices. Landowners will receive new equipment (sprinkler nozzles and other parts) to improve efficiencies. A report on water and energy savings will be prepared and shared with other irrigators in Central Oregon.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-482	OWEB		Applegate Watershed Stewardship Demo & Landowner Assist Proj	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 15-SEP-03	Public Outreach and Education	\$69,630.37	\$0.00	Southern Oregon Coastal

Project Description

Implement demonstration projects, conduct workshops, and provide on-the-ground landowner assistance with project development. Provide working examples of restoration and stewardship practices in a variety of local ownership and management scenarios.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-482A	OWEB		Applegate Watershed Stewardship Demo & Landowner Assist Proj	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 15-SEP-03	Public Outreach and Education	\$22,734.34	\$0.00	Southern Oregon Coastal

Project Description

Implement demonstration projects, conduct workshops, and provide on-the-ground landowner assistance with project development. Provide working examples of restoration and stewardship practices in a variety of local ownership and management scenarios.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-553	OWEB		Central Oregon Regional Watershed Info & Outreach Prog	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	24-AUG-00 - 03-OCT-02	Public Outreach and Education	\$0.00	\$31,597.00	Deschutes

Project Description

Establish a regional information and outreach program linked to the goals of the watershed groups in the Middle, Crooked, and Upper Deschutes sub-basins.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-553A	OWEB		Central Oregon Regional Watershed Info & Outreach Prog	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	24-AUG-00 - 03-OCT-02	Public Outreach and Education	\$0.00	\$14,023.44	Deschutes

Project Description

Establish a regional information and outreach program linked to the goals of the watershed groups in the Middle, Crooked, and Upper Deschutes sub-basins.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-536	OWEB		Conservation Planning and Implementation Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 03-MAR-03	Public Outreach and Education	\$54,951.00	\$0.00	Klamath

Project Description
 Provide on-the-ground technical assistance to urban, suburban, and rural landowners whose land use practices greatly impact water quality. This program is intended to increase the number of landowners who develop and implement conservation plans.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-580	OWEB		Demonstration of Soil & Water Stewardship Using Drip Irrig.	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 13-SEP-01	Public Outreach and Education	\$0.00	\$36,054.00	Oregon Closed Basins

Project Description
 Install moisture monitoring probes in local test fields to determine the optimum irrigation criteria for the production of alfalfa seed and potatoes using Subsurface Drip Irrigation, and reduce the risk of nitrate leaching.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-619	OWEB		Estuary Program/H2O Community Welcome to the River Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 02-SEP-03	Public Outreach and Education	\$33,964.59	\$0.00	Northern Oregon Coastal

Project Description
 Fund "Headwaters to the Ocean", a hands-on, boat-based education program for fifth grade students operating on the Columbia and Willamette Rivers for four weeks. The boat will spend a week in Scappoose, St. Helens, Clatskanie, and Astoria.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 97-716A	OWEB		Healthy Streams Partnership Support	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-97 -	Public Outreach and Education	\$3,843.34	\$0.00	Oregon - Statewide

Project Description
 Support for the Healthy Streams Partnership Program.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-124	OWEB		Jackson-Frazier Wetland	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	16-FEB-01 - 27-SEP-02	Public Outreach and Education	\$4,996.40	\$0.00	Willamette

Project Description
Interpretive watershed display and two associated brochures at Jackson-Frazier Wetland will increase public understanding of watershed processes in relationship to wetlands, and provide student understanding of detailed processes through brochures in a urban fringe watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-133	OWEB		Kokanee Karnival Youth Education Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-MAR-01 - 14-OCT-03	Public Outreach and Education	\$0.00	\$5,767.43	Deschutes

Project Description
The Kokanee Karnival Youth Education Program is a dynamic, hands-on effort to teach approximately 1000 Central Oregon school children about the importance of clean water, healthy stream and river ecosystems, conservation of fish habitat, and community involvement. The Program has two participation levels- the "Comprehensive" and the "Supplemental Classroom Egg Incubation Project". Currently the entire program reaches 30 schools throughout the three county regions of Central Oregon.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-134A	OWEB		Learning from the Land	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-FEB-01 - 01-DEC-02	Public Outreach and Education	\$0.00	\$5,929.07	Middle Columbia

Project Description
The "Learning from the Land Techniques for Taking and Restoring Your Watershed's Pulse" project will create a science inquiry component for the Central Cascades Alliance SECERTS program, an ecology education curriculum offered to more than 400 upper-elementary students in Hood River and Wasco Counties. The project will give teachers & students opportunities for taking their watershed's pulse, including keeping tabs on watershed health and implementing restoration projects to improve water quality and salmon habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-134	OWEB		Learning from the Land	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-FEB-01 - 01-DEC-02	Public Outreach and Education	\$0.00	\$14,012.00	Middle Columbia

Project Description

The "Learning from the Land: Techniques for Taking and Restoring Your Watershed's Pulse" project will create a science inquiry component for the Central Cascades Alliance SECERTS program, an ecology education curriculum offered to more than 400 upper-elementary students in Hood River and Wasco Counties. The project will give teachers & students opportunities for taking their watershed's pulse, including keeping tabs on watershed health and implementing restoration projects to improve water quality and salmon habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-198	OWEB		Macroinvertebrate Monitoring and Identification CD-ROM	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	21-FEB-01 -	Public Outreach and Education	\$37,050.00	\$0.00	Oregon - Statewide

Project Description

The Xerces Society will develop, produce, and promote a CD-ROM guide to Macroinvertebrate monitoring and identification monitoring and identification and a laminated field identification guide to common Northwest macroinvertebrates. The CD will be very similar to a web page and designed for use by watershed councils and the general public, thought intellectually accessible to everyone. Printable tutorials on all aspects of Macroinvertebrate monitoring will also be included for use in the field or away from the computer.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-091	OWEB		Make Ripple Make a Wave	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	29-JAN-01 - 25-JUN-01	Public Outreach and Education	\$0.00	\$13,975.00	Oregon - Statewide

Project Description

The project will provide urban watershed protection education and inspire positive action for over 18,000 K-5th grade students in 52 elementary schools in the Portland Metro area, Salem and Eugene. The assembly program is designed to address various learning styles in a unique way and is not dependent on teacher interest or time.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 200-003	OWEB		Mid Coast WS Council Education Program	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-MAR-01 - 07-JUN-02	Public Outreach and Education	\$25,540.00	\$0.00	Northern Oregon Coastal

Project Description
 This project supports a two-thirds time position to continue coordination and implementation of a comprehensive watershed awareness/education program.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-450	OWEB		MidCoast Watersheds News	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-JUL-00 - 12-APR-02	Public Outreach and Education	\$9,704.00	\$0.00	Northern Oregon Coastal

Project Description
 Fund the continuation of a quarterly newsletter distributed throughout the mid-coast watersheds. The newsletter has been a successful outreach/education tool in the past.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-439	OWEB		Nestucca-Neskowin Watershed Ed	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	24-JUL-00 - 14-OCT-02	Public Outreach and Education	\$10,976.88	\$0.00	Northern Oregon Coastal

Project Description
 Fund successful quarterly newsletter, promote proposed Nestucca Bay Clean-Up project, and design and produce brochure to inform readers about watershed conditions and the activities of the council.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-537	OWEB		North Santiam Watershed Education Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 24-MAY-02	Public Outreach and Education	\$3,800.00	\$0.00	Oregon - Statewide

Project Description
 Fund public outreach campaign materials for use at over 50 public events in the next year. Materials will include two interactive tabletop displays: (1) a non-point source pollution model, and (2) an interactive stream model.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-OWE	OWEB		OR Dairy Farmers Assoc. Manure Mang Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-MAR-01 -	Public Outreach and Education	\$143,100.00	\$0.00	Oregon - Statewide

Project Description
 This project enables the Oregon Dairy Farmers Association to employ two water quality technicians that work directly with dairy producers. They assist producers in writing water quality management plans. These plans look at things such as soil sampling, manure application rates, documentation of manure application and crop rotation. This process results in higher water quality level for the state of Oregon.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-551	OWEB		Oregon Plan Video Documentation Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 28-MAR-03	Public Outreach and Education	\$20,000.00	\$0.00	Deschutes

Project Description
 Produce and distribute a series of six to ten short videos documenting the watershed improvements accomplished under the Oregon Plan.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-903	OWEB		OWEB Public Information Officer/Outreach	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 31-DEC-02	Public Outreach and Education	\$75,000.00	\$0.00	Oregon - Statewide

Project Description
 OWEB 1999-01 Public Information and Outreach

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-598	OWEB		Owyhee Watershed Information & Education Project	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 25-JUL-02	Public Outreach and Education	\$0.00	\$22,620.00	Middle Snake-Boise

Project Description
 The Owyhee watershed is the largest drainage in the state, with the smallest population. It lacks its own watershed council. Fund three people to educate residents about watershed councils and inspire the creation of one.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-598A	OWEB		Owyhee Watershed Information & Education Project	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 -	Public Outreach and Education	\$0.00	\$11,690.00	Middle Snake-Boise

Project Description
 The Owyhee watershed is the largest drainage in the state, with the smallest population. It lacks its own watershed council. Fund three people to educate residents about watershed councils and inspire the creation of one.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 201-508A	OWEB		Owyhee WSC Education & Technical Support Project	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	06-FEB-02 -	Public Outreach and Education	\$2,781.00	\$0.00	Middle Snake-Boise

Project Description
 Same as 201-508. Change in funding source.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-221	OWEB		Publication of Coast Fork Willamette Subbasin Ed Materials	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 24-SEP-01	Public Outreach and Education	\$1,657.62	\$0.00	Willamette

Project Description
 The Coast Fork Willamette Watershed Council Planning Group is compiling information which will introduce many citizens, landowners, and administrative personnel to Coast Fork Willamette Sub-basin Watershed Enhancement concepts. A book and brochure designed to educate the public about specific local watershed issues and the importance of public involvement will be produced. Watershed publications and distribution locations will be publicized in the local newspaper.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-530	OWEB		Reducng Urbn Pointlss Pollutn: 50 Wys to Love the Willamette	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 11-APR-02	Public Outreach and Education	\$34,265.00	\$0.00	Oregon - Statewide

Project Description
Print and distribute 20,000 copies of "50 Ways to Love Your River," place four ads in council newsletters and water and sewer bills, and produce television public service announcement.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-123	OWEB		Riverwalk	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	09-FEB-01 - 08-AUG-01	Public Outreach and Education	\$8,346.00	\$0.00	Lower Columbia

Project Description
OMSI proposes to build Riverwalk an outdoor, educational exhibit about the Willamette River and its watershed along OMSI's riverfront public esplanade. The goal of Riverwalk is to provide an accessible and entertaining look at science, technology, and history of the river while building public awareness of our role as the river's stewards.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-005	OWEB		Schooner Creek WS Education	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	07-FEB-01 - 16-MAR-03	Public Outreach and Education	\$33,689.00	\$0.00	Northern Oregon Coastal

Project Description
Taft Elementary School staff and students will develop a science inquiry and watershed education curriculum and will increase community awareness about the health of the Schooner Creek watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-516	OWEB		Small Acreage Landowner Workshops & Demonstrations	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 21-AUG-01	Public Outreach and Education	\$25,462.16	\$0.00	Willamette

Project Description
Fund four education workshops, one each in Multnomah, Clackamas, Marion and Washington counties, to demonstrate best management practices for small acreage farmers and promote the use of a no-till drill, which will be available for rent.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-477	OWEB		Spirit 2000 Water Fest & Nature's Treasures Science Fair	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	24-AUG-00 - 05-JUN-01	Public Outreach and Education	\$1,900.00	\$0.00	Oregon - Statewide

Project Description
Partially fund the Spirit 2000 Water Fest and Nature's Treasures Science Fair, "a carnival of education." The event will showcase student natural resource projects, eco-tourism, Oregon Plan agencies, federal agencies, and volunteer monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-445	OWEB		Stream Demonstration Model Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	10-AUG-00 - 14-FEB-02	Public Outreach and Education	\$7,290.00	\$0.00	Northern Oregon Coastal

Project Description
Construct two new Stream Demonstration Models for educational demonstrations of stream hydraulics. Fund maintenance of the one existing Stream Demonstration Model.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-546	OWEB		Summer Watershed Ed Wkshp: "Water in the Desert?"	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	02-AUG-00 - 10-SEP-02	Public Outreach and Education	\$0.00	\$3,516.87	Deschutes

Project Description
Fund a three-day workshop to train 25 teachers in how to apply national environmental education curricula to local watershed issues.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-049	OWEB		Tenmile Lakes Education Displays	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-MAR-01 - 23-OCT-01	Public Outreach and Education	\$3,511.00	\$0.00	Southern Oregon Coastal

Project Description

This project will support the designing, building and placement of 3 sets of education displays along the Lake's shorelines. Each set of will consist 3 separate displays that describe 1)watershed functions. 2)native species, 3)wetlands/riparian zones. The three display sets will be placed in well used shoreline "walking" areas at Osprey Point Resort, North Lake Resort, and the Coos county Park. Final products will provide visitors and local community members the opportunity to learn about natural resources issues.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 99-383	OWEB		Tualatin Upper WS Restoration Ed. & Salmon Awareness	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-JUN-00 - 03-APR-02	Public Outreach and Education	\$57,378.00	\$0.00	Lower Columbia

Project Description

The projects goal is to build sustainable community capacity to restore and protect the upper reaches of the Tualatin River and its rural tributaries (Gales, McKay and Dairy Creeks) to meet the objectives of the Oregon Plan. A priority concern is to identify, preserve, and restore critical habitat of steelhead salmon and cutthroat trout. The first year of OWEB funds for this project will result in a site-specific list for restoration work on the upper watershed's mainstem of the Tualatin and three rural tributaries. The actual restoration work will then be implemented over a 3-year period starting in January 2001 (funding to come from a public-private sector partnership of sources both within and external to the watershed). In addition, the project will in the first year: increase citizen awareness of and involvement in watershed protection to improve salmon habitat (objectives of Oregon Plan) and water quality (removal from 303d water quality limited list) and to build the volunteer capacity of these communities, including the development of 3 rural tributary Friends groups, to meet restoration needs identified in the watershed assessments and recommendations made by this project.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-050	OWEB		Umpqua Basin Irrigation Management Workshops	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	13-FEB-01 - 23-JUL-01	Public Outreach and Education	\$3,447.00	\$0.00	Southern Oregon Coastal

Project Description

The proposal is to coordinate two workshops on irrigation system design and management. Background information on irrigation water rights will be provided by Dave Williams, Watermaster for the basin. Dr. Marshall English, professor from OSU. Will discuss irrigation system design, efficiency, and management. The targeted attendance is 100 people. Each workshop will begin the evening and last for approximately 3 hours.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-356	OWEB		Upper Rogue WS Assoc Educ & Outreach	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 22-JAN-03	Public Outreach and Education	\$8,808.93	\$0.00	Southern Oregon Coastal

Project Description					
<p>This proposal is to continue the production and delivery of the UR Watershed News, a monthly educational and informative watershed newsletter. The newsletter will be published in the regional newspaper, The Upper Rogue Independent, with a distribution of over 12,000 monthly. Technology Learning Center will be assisting in the production of these publications. Students will be involved in the research, publication and distribution of the Newsletter: thus sustaining a better understanding of our natural resource issues. This newsletter will also be distributed throughout the entire Upper Rogue area and placed in libraries, schools, stores, information centers, and other businesses throughout the communities of Prospect, Trail, Shady Cove, Butte Falls and Eagle Point. The URWA web site will also be updated with the current Newsletter; and SWCD and OSU Extension workshops and upcoming events. This project has been identified in the Upper Rogue Watershed Association Action Plan and has been successful in recruiting members and bringing timely information and news to our local residents. Target audiences include ranchers, farmers, river user groups (rafting & fishing groups) and small private landowners and managers, teaching them the values of long term benefits of healthy watersheds. These groups will be informed of specific workshops to assist them in land management practices. Articles will showcase local landowners using good stewardship principles on their lands.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-487	OWEB		Valley of the Rogue Park (Salmon Obs Deck)	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	08-AUG-00 -	Public Outreach and Education	\$0.00	\$8,889.50	Southern Oregon Coastal

Project Description					
<p>Construct an observation deck at Valley of the Rogue Park (which receives 1.65 million visitors annually) to view salmon spawning in the Rogue River. Replace blackberry and other invasive species with native vegetation.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB 99-623	OWEB		Voluntary Conservation Workshops	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-JUN-00 - 10-MAY-02	Public Outreach and Education	\$79,960.00	\$0.00	Oregon - Statewide

Project Description					
<p>Produce 25 statewide conservation workshops within critical salmon habitat areas to inform landowners about conservation planning and practices. The workshops will allow agency staff and conservationists to more efficiently use their limited time.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-202	OWEB		WEST Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	03-JAN-02 -	Public Outreach and Education	\$10,000.00	\$0.00	Oregon - Statewide

Project Description
The main objective of the WEST program is to enhance the opportunity for farmers and ranchers to discover all the options available for positive environmental impact to their land. The secondary objective will be to share the experience of being a caretaker of the land with high school students. The project proposes to provide educational workshops free of charge across Oregon. The workshops will include instruction on watershed ecology and water quality/riparian vegetation monitoring.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 98-022A	OWEB		Wood River Wetland Info & Education Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-98 -	Public Outreach and Education	\$27,764.48	\$0.00	Klamath

Project Description
Provide info and education displays and an expanded wetlands trail for visitors to the Wood River Wetland.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB 200-OWE	OWEB		WSC Organization and Communication Skill Building	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	14-FEB-01 -	Public Outreach and Education	\$27,285.45	\$0.00	Oregon - Statewide

Project Description
To increase the effectiveness of watershed councils by enhancing organizational capacity & building communication skills among watershed council participants.

Project Ref	Grantee	Subgrantee	Project Name	State
OWEB Adm-200	OWEB		OWEB Administrative Overhead 2003	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Program Administration	\$371,420.00	\$0.00	Oregon - Statewide

Project Description
These funds are allocated to support an Information Specialist 7 for the development of statewide data protocols, an Office Specialist for half time office support, an Accounting Technician 3 for half time fiscal support and the remaining funds to database needs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB Adm-200	OWEB		OWEB Administrative Overhead 2002	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Program Administration	\$510,000.00	\$0.00	Oregon - Statewide

Project Description
 These funds are used to support the Grants Program Manager July 2003 thru June 2005. The remaining funds are allocated for database needs.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB Adm-200	OWEB		OWEB Administrative Overhead 2001	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-01 -	Program Administration	\$267,000.00	\$0.00	Oregon - Statewide

Project Description
 Funds supported the grants program manager and an information specialist 8 (ISS8). The ISS8 was responsible for developing a statewide strategy for standardizing natural resource data.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB Adm-200	OWEB		OWEB Administrative Overhead 2001	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	10-OCT-01 -	Program Administration	\$183,195.00	\$0.00	Oregon - Statewide

Project Description
 These funds were used to support various costs such as: performance measurement development, a temp hired for monitoring work, six months of fiscal support, a temp hired for office support, server storage costs, and misc program travel expenditures.

Project Ref	Grantee	Subgrantee	Project Name	State	
OWEB Adm-200	OWEB		OWEB Administrative Overhead 2000	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 -	Program Administration	\$270,000.00	\$0.00	Oregon - Statewide

Project Description
 All funds were spent on fiscal support of OWEB's grant program.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100158	NWIFC	City of Poulsbo , NOAA Fisheries, Suquamis	Dogfish Creek Estuary Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$55,755.00	\$0.00	Puget Sound

Project Description
 Replace existing six-foot culvert with a bridge, allowing saltwater to reenter an eight-acre former estuary area that was diked in the 1930s. Bridge will also allow easy fish passage in both directions.

Project Ref	Grantee	Subgrantee	Project Name	State
100154	NWIFC	Bremerton Public Works, Kitsap Conservatio	Gorst Creek Stream Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$33,367.00	\$0.00	Puget Sound

Project Description
 Design the removal of 900 feet of concrete channel from Gorst Creek near Bremerton, Washington. Rehabilitate stream for use by salmon by remeandering stream, adding large woody debris, and planting the riparian area.

Project Ref	Grantee	Subgrantee	Project Name	State
100149	NWIFC	NOAA Fisheries, Stillaguamish Tribe	Habitat Restoration and Assessment Projects	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$118,709.00	\$0.00	Puget Sound

Project Description
 This project has five components: 1) Culvert replacement (one); 2) Instream and riparian habitat enhancement, and fish passage, project; 3) Riparian fencing; 4) Reconnect a stream to its floodplain; 5) Stillaguamish River estuary assessment.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100028	NWIFC	NOAA Fisheries, Port Gamble S'Klallam Tribe	Habitat Restoration of a Degraded Section of Middle Creek	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$52,000.00	\$0.00	Puget Sound

Project Description
Make 1000 m of potential salmon-rearing channel accessible and restore degraded spawning and rearing habitat after culvert removal opens fish habitat in the lower 150 meters of salmon-accessible channel below the Little Boston Rd. crossing of Middle Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
100197	NWIFC		Hoh River Knotweed Control Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$25,000.00	\$0.00	Washington Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
100013	NWIFC	Jamestown S'Klallam Tribe, National Marine	Jimmy-come-lately (JCL) Creek/Estuary Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$100,000.00	\$0.00	Puget Sound

Project Description
Address the limiting factors affecting summer chum. The lower reach of JCL Creek is being relocated to its former channel for a threatened run of summer chum salmon. Related project activities include: removal of a log dump in the estuary, removal of dikes and fill, construction of a new bridge on Highway 101 to accommodate the new creek configuration, and removal of buildings along the shoreline. PCSRF funding for FY 2002 will be used by the Tribe for a portion of the channel re-alignment and bridge construction phases of the project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100019	NWIFC	Lower Elwha Klallam Tribe, National Marine	Lower Elwha Klallam Tribe Habitat Restoration Projects	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$12,430.00	\$0.00	Puget Sound

Project Description
Recovery of stocks with restoration projects. Funds used for material purchases (logs, rocks, etc.) necessary to implement a restoration project, or other non-staffing expenditures (i.e. equipment rental).

Project Ref	Grantee	Subgrantee	Project Name	State
100123	NWIFC	NOAA Fisheries, Skokomish Tribe	Reservation-based Invasive Exotic Vegetation and Native Plant Re-ve	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$18,557.00	\$0.00	Puget Sound

Project Description
Exotic invasive plants such as English ivy, Scotch broom, and Japanese knotweed have become prevalent in sections of the lower Skokomish River basin, in areas that have been used as illegal dumps. This project's aim is to remove the waste from these areas, reduce the number of exotic plants, and plant native species which are more conducive to long-term riparian function. Woody debris will also be deposited in the riparian areas to function during high-water events. This project will be done in conjunction with other projects funded under the PCSRF program in order to prevent or minimize the subsequent illegal dumping. It is hoped this area can be returned to productive salmon habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
100105	NWIFC	National Oceanic and Atmospheric Administr	Salmon Habitat Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$20,000.00	\$0.00	Puget Sound

Project Description
The Tulalip Tribes will be contracting with the Salmon Corps program for conducting salmon restoration projects within the Snohomish and Stillaguamish river basins. The projects have not been selected yet but may include; replanting riparian corridors, fencing stream corridors to keep livestock out of the streams, and instream enhancement projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100156	NWIFC	Mid-Puget Sound Fish Enh Grp, NOAA Fishe	Salmonberry Creek Stream Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$28,975.00	\$0.00	Puget Sound

Project Description
Remeander a 1500 foot channelized section of Salmonberry Creek southeast of Port Orchard, Washington. Provide rearing habitat for coho salmon. Pursue conservation easements for the restored reach.

Project Ref	Grantee	Subgrantee	Project Name	State
100185	NWIFC	NOAA Fisheries, Seattle City Light, Skagit La	Skagit River Isolated Habitat Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$96,500.00	\$0.00	Puget Sound

Project Description
This is a mix of actual habitat restoration activities and planning/designing for future habitat restoration. Each site may have different participants and other non-PCSRF funding. Over the course of the past three years several planning efforts have been underway to identify significant aquatic habitats that have been isolated from lotic process by anthropogenic modifications and to subsequently develop specific restoration actions targeted at reconnecting these habitats to riverine influences. Several projects have been identified through these efforts and are now ready for construction in FY2003. This proposal seeks funding to support specific restoration actions in four specific locations in the lower Skagit region; Day Creek, Hansen Creek and Skiyou Slough, and Sauk Camp (Edgewater Park). Each of these three locations have impaired riparian habitat and hydrology due to anthropogenic modifications. After completing feasibility work we believe that isolated habitat can be reconnected to lotic processes with relatively simple and cost effective restoration actions in all four locations. In total, impacts to an and estimated 10 hectares of riparian habitat, 1.25 KM of tributary habitat and 3 KM of mainstem habitat will be addressed through this proposal and matching funds contributed by partner organizations.

Project Ref	Grantee	Subgrantee	Project Name	State
100126	NWIFC	Hood Canal School District, NOAA Fisheries,	Skokomish Reservation Roads - Gate Installation	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$4,866.00	\$0.00	Puget Sound

Project Description
Construct and install 3-4 road gates to prevent entry and refuse dumping in sensitive riparian areas along the lower Skokomish River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100128	NWIFC	NOAA Fisheries, Skokomish Tribe	Skokomish River Landscape/Parcel Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$85,635.00	\$0.00	Puget Sound

Project Description

Acquire land on the south bank of the lower Skokomish River for purposes of habitat restoration.

Project Ref	Grantee	Subgrantee	Project Name	State	
100130	NWIFC	NOAA Fisheries, Skokomish Tribe	Skokomish River Road Culvert Removal / Replacement	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$29,916.00	\$0.00	Puget Sound

Project Description

Provide access for anadromous fishes to wetlands and estuary areas in the lower Skokomish River.

Project Ref	Grantee	Subgrantee	Project Name	State	
100132	NWIFC	NOAA Fisheries, Skokomish Tribe	Skokomish River Road Timber Span Installation	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	13-APR-03 -	Salmon Habitat Protection and Restoration	\$9,925.00	\$0.00	Puget Sound

Project Description

Cattle will be excluded from a stream channel in order to reduce bank erosion and fecal coliform levels in the stream.

Project Ref	Grantee	Subgrantee	Project Name	State	
100099	NWIFC	National Oceanic and Atmospheric Administr	Tulalip Native Plant Nursery and Plant Salvage Program	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$44,265.00	\$0.00	Puget Sound

Project Description

The Tulalip Tribes have implemented a native plant nursery and greenhouse project, using plants salvaged from construction sites. The Tribes currently have approximately 5,000 native plants stored for future restoration projects. These plants will be used for salmon habitat improvement or restoration projects in the form of streamside and wetland plantings. Tulalip Tribal members are finding that some vegetative species of cultural significance are becoming difficult to locate and harvest for tribal cultural activities so they are planning to prioritize salvaging plants of cultural significance to grow, reproduce and replant as part of the salmon habitat improvement projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100157	NWIFC	City of Poulsbo , NOAA Fisheries, Suquamis	Dogfish Creek Estuary Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$23,297.00	\$0.00	Puget Sound

Project Description
 Replace existing six-foot culvert with a bridge, allowing saltwater to reenter an eight-acre former estuary area that was diked in the 1930s. Bridge will also allow easy fish passage in both directions.

Project Ref	Grantee	Subgrantee	Project Name	State
100153	NWIFC	Bremerton Public Works, Kitsap Conservatio	Gorst Creek Stream Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$45,691.00	\$0.00	Puget Sound

Project Description
 Design the removal of 900 feet of concrete channel from Gorst Creek near Bremerton, Washington. Rehabilitate stream for use by salmon by remeandering stream, adding large woody debris, and planting the riparian area.

Project Ref	Grantee	Subgrantee	Project Name	State
100064	NWIFC	Hood Canal Coor Council Inc, NOAA Fisherie	Habitat Restoration of a Degraded Section of the mid-Quilcene River	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Habitat Protection and Restoration	\$46,798.00	\$0.00	Puget Sound

Project Description
 This project entails restoration of a degraded section of the mid-Quilcene River; reverting the River channel back to its existing conditions, and re-connecting the floodplain and the river channel. Completed activities for Phase 1 of this Habitat Restoration project included a reach analysis and feasibility study to assess current information (photo record, channel locations, anthropogenic impacts, etc.) focusing on historical channel migration in the floodplain and current habitat and geomorphologic conditions to outline alternative scenarios for future floodplain enhancement. Planned tasks under Phase 1 include 1) Design and construct a pilot LWD placement/monitoring project to halt and/or reverse incision of the channel, create pool/riffle habitats, increase pool frequency and cover, provide structure, and to begin to document sediment transport within this reach; 2) Outline programs and incentives of conservation easements, CREP, etc., that are available to the landowner; 3) Outline appropriate floodplain options and scope of work necessary to restore floodplain connectivity in Phase II. These options will include approaches to restoring side channels and riparian forest (i.e. anastomosing reach), increasing channel sinuosity and enhancing in-stream structure; and 4) Acquisition of a riverfront portion of the Baclawski property that the owner intends to sell (approximately 15 acres).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100057	NWIFC	Lower Elwha Klallam Tribe, NOAA Fisheries	Lower Elwha Klallam Tribe Habitat Restoration Projects	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Habitat Protection and Restoration	\$25,060.00	\$0.00	Puget Sound

Project Description

Recovery of stocks with restoration projects. Funds used for material purchases (logs, rocks, etc.) necessary to implement a restoration project, or other non-staffing expenditures (i.e. equipment rental).

Project Ref	Grantee	Subgrantee	Project Name	State
100122	NWIFC	NOAA Fisheries, Skokomish Tribe	Reservation-based Invasive Exotic Vegetation and Native Plant Re-ve	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Habitat Protection and Restoration	\$21,097.00	\$0.00	Puget Sound

Project Description

Exotic invasive plants such as English ivy, Scotch broom, and Japanese knotweed have become prevalent in sections of the lower Skokomish River basin, in areas that have been used as illegal dumps. This project's aim is to remove the waste from these areas, reduce the number of exotic plants, and plant native species which are more conducive to long-term riparian function. Woody debris will also be deposited in the riparian areas to function during high-water events. This project will be done in conjunction with other projects funded under the PCSRF program in order to prevent or minimize the subsequent illegal dumping. It is hoped this area can be returned to productive salmon habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
100104	NWIFC	National Oceanic and Atmospheric Administr	Salmon Habitat Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$12,000.00	\$0.00	Puget Sound

Project Description

The Tulalip Tribes will be contracting with the Salmon Corps program for conducting salmon restoration projects within the Snohomish and Stillaguamish river basins. The projects have not been selected yet but may include; replanting riparian corridors, fencing stream corridors to keep livestock out of the streams, and instream enhancement projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100155	NWIFC	Mid-Puget Sound Fish Enh Grp, NOAA Fishe	Salmonberry Creek Stream Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$30,962.00	\$0.00	Puget Sound

Project Description
Remeander a 1500 foot channelized section of Salmonberry Creek southeast of Port Orchard, Washington. Provide rearing habitat for coho salmon. Pursue conservation easements for the restored reach.

Project Ref	Grantee	Subgrantee	Project Name	State
100181	NWIFC	NOAA Fisheries, Skagit System Cooperative	Sauk-Suiattle Road Projects	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Habitat Protection and Restoration	\$13,807.00	\$0.00	Puget Sound

Project Description
Evaluate and remove floodplain fills, blocking culverts, and unstable stream crossings in the Sauk River and Suiattle River watersheds in the Skagit River basin. The proposal included removing a fish passage barrier on Tiny Kisutch Creek, removing floodplain impacts from a road in the Hyakchuck Ponds area, and addressing floodplain and sediment impacts from Forest Road 25.

Project Ref	Grantee	Subgrantee	Project Name	State
100184	NWIFC	NOAA Fisheries, Skagit System Cooperative	Skagit Riparian Habitat Restoration - Native Plant Salvage & Restoratio	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Habitat Protection and Restoration	\$36,097.00	\$0.00	Puget Sound

Project Description
Design plans to, implementation and establish two new nurseries (and create a storage site for salvaged plants) to improve available native riparian plant stock for current and future riparian habitat restoration projects in the Skagit watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100127	NWIFC	NOAA Fisheries, Skokomish Tribe	Skokomish River Landscape/Parcel Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$60,000.00	\$0.00	Puget Sound

Project Description
Acquire land on the south bank of the lower Skokomish River for purposes of habitat restoration.

Project Ref	Grantee	Subgrantee	Project Name	State	
100129	NWIFC	NOAA Fisheries, Skokomish Tribe	Skokomish River Road Culvert Removal / Flat Span Placement	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$41,281.00	\$0.00	Puget Sound

Project Description
Provide access for anadromous fishes to wetlands and estuary areas in the lower Skokomish River.

Project Ref	Grantee	Subgrantee	Project Name	State	
100131	NWIFC	NOAA Fisheries, Skokomish Tribe	Skokomish River Road/ Skokomish Flats Road Gate Fabrication/Installat	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$6,462.00	\$0.00	Puget Sound

Project Description
Construct and install 3-4 road gates to prevent entry and refuse dumping in sensitive riparian areas along the lower Skokomish River.

Project Ref	Grantee	Subgrantee	Project Name	State	
100098	NWIFC	National Oceanic and Atmospheric Administr	Tulalip Greenhouse and Plant Salvage Program	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$19,694.90	\$0.00	Puget Sound

Project Description
The Tulalip Tribes have implemented a native plant nursery and greenhouse project, using plants salvaged from construction sites. The Tribes currently have approximately 5,000 native plants stored for future restoration projects. These plants will be used for salmon habitat improvement or restoration projects in the form of streamside and wetland plantings. Tulalip Tribal members are finding that some vegetative species of cultural significance are becoming difficult to locate and harvest for tribal cultural activities so they are planning to prioritize salvaging plants of cultural significance to grow, reproduce and replant as part of the salmon habitat improvement projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100079	NWIFC	Clallam County, Dungeness Agricultural Wat	Dungeness River/Jimmy-come-lately Creek Salmon Recovery	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Salmon Habitat Protection and Restoration	\$235,000.00	\$0.00	Puget Sound

Project Description

The following project activities were proposed by the Tribe to address the limiting factors affecting Hood Canal summer chum and Puget Sound chinook: 1) Strategic salmon recovery planning involving cooperative habitat restoration planning; 2) Riparian Corridor Protection and Restoration: through collection of data on property ownership, assessed value, location of restoration projects, and habitat conditions. The data and maps will assist in cooperatively working with the County, state, and federal agencies and private foundations on conservation easements, acquisition, and protection strategies for critical parcels; 3) Jimmy-come-lately Creek and Estuary Restoration: The tribe will be collecting biological samples of adult chum in the fall, as well as contribution to this multi-agency restoration effort by performing project coordination duties; 4) Water Conservation: The tribe will cooperatively design and implement water conservation projects to conserve instream flows; 5) Dungeness Chinook Captive Broodstock Assessment: involving egg collection, captive rearing and spawning and release; and 6) Dungeness Bay Fishery Monitoring and Sampling: to monitor incidental chum and chinook catch.

Project Ref	Grantee	Subgrantee	Project Name	State	
100152	NWIFC	Bremerton Public Works, Kitsap Conservatio	Gorst Creek Stream Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 -	Salmon Habitat Protection and Restoration	\$92,308.00	\$0.00	Puget Sound

Project Description

Design the removal of 900 feet of concrete channel from Gorst Creek near Bremerton, Washington. Rehabilitate stream for use by salmon by remeandering stream, adding large woody debris, and planting the riparian area.

Project Ref	Grantee	Subgrantee	Project Name	State	
100084	NWIFC	Lower Elwha Klallam Tribe, NOAA Fisheries	Lower Elwha Klallam Tribe Habitat Restoration Projects	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Salmon Habitat Protection and Restoration	\$32,200.00	\$0.00	Puget Sound

Project Description

Recovery of stocks with restoration projects. Funds used for material purchases (logs, rocks, etc.) necessary to implement a restoration project, or other non-staffing expenditures (i.e. equipment rental).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100112	NWIFC	NOAA Fisheries, Skokomish Tribe	On-Reservation Fish Passage and Channel Improvements	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 -	Salmon Habitat Protection and Restoration	\$122,225.00	\$0.00	Puget Sound

Project Description

Remove obstructions (culverts and bridges) to off-channel habitats in order to open up 800 acres of spawning and rearing habitat for anadromous fishes.

Project Ref	Grantee	Subgrantee	Project Name	State	
100196	NWIFC	NOAA Fisheries, Quinault Indian Nation	Queets River Nutrient Enhancement	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$12,955.00	\$0.00	Washington Coastal

Project Description

Hatchery Coho Carcass distribution from the Quinault Tribe's Salmon River Fish Culture Facility to a minimum of 3 streams in the Queets R Basin for the benefit of wild coho.

Project Ref	Grantee	Subgrantee	Project Name	State	
100103	NWIFC	National Oceanic and Atmospheric Administr	Salmon Habitat Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 -	Salmon Habitat Protection and Restoration	\$66,510.00	\$0.00	Puget Sound

Project Description

The Tulalip Tribes will be contracting with the Salmon Corps program for conducting salmon restoration projects within the Snohomish and Stillaguamish river basins. The projects have not been selected yet but may include; replanting riparian corridors, fencing stream corridors to keep livestock out of the streams, and instream enhancement projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100094	NWIFC	Makah Tribe, NOAA Fisheries	Sekiu River Engineered Logjam Construction	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-MAY-00 -	Salmon Habitat Protection and Restoration	\$15,000.00	\$0.00	Puget Sound

Project Description

This project will occur between River Mile (RM) 1.5 and 3.5 on the lower mainstem of the Sekiu River. It will contribute to salmon recovery by increasing channel complexity and decreasing stream energy in a section of the Sekiu River considered to be critically important for chinook spawning and rearing, as well as coho salmon rearing. A contractor designed and constructed the logjam, and monitoring was conducted for the first year. A technical report that includes pre-construction site monitoring, logjam design details, construction sequence photos, and post-construction monitoring information is proposed to be completed.

Project Ref	Grantee	Subgrantee	Project Name	State
100162	NWIFC	City of Bainbridge Island , NOAA Fisheries,	Bainbridge Island Nearshore Assessment	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$47,700.00	\$0.00	Puget Sound

Project Description

Assessment of Bainbridge Island's shoreline habitat. Identify and prioritize future restoration projects.

Project Ref	Grantee	Subgrantee	Project Name	State
100147	NWIFC	NOAA Fisheries, Stillaguamish Tribe	Continue to Participate and be Co-Lead Entity in Chinook Recovery Pla	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$27,218.00	\$0.00	Puget Sound

Project Description

Participation in and leading of the Stillaguamish basin Chinook salmon recovery planning group. Further the purposes of the Stillaguamish Chinook salmon recovery plan.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100014	NWIFC	Jamestown S'Klallam Tribe, National Marine	Dungeness River Recovery Planning	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$317,500.00	\$0.00	Puget Sound

Project Description

The following project activities were proposed by the Tribe to address the limiting factors affecting Hood Canal summer chum and Puget Sound chinook: 1) Strategic salmon recovery planning involving cooperative habitat restoration planning; 2) Riparian Corridor Protection and Restoration: through collection of data on property ownership, assessed value, location of restoration projects, and habitat conditions. The data and maps will assist in cooperatively working with the County, state, and federal agencies and private foundations on conservation easements, acquisition, and protection strategies for critical parcels; 3) Jimmy-come-lately Creek and Estuary Restoration: The tribe will be collecting biological samples of adult chum in the fall, as well as contribution to this multi-agency restoration effort by performing project coordination duties; 4) Water Conservation: The tribe will cooperatively design and implement water conservation projects to conserve instream flows; 5) Dungeness Chinook Captive Broodstock Assessment: involving egg collection, captive rearing and spawning and release; and 6) Dungeness Bay Fishery Monitoring and Sampling: to monitor incidental chum and chinook catch.

Project Ref	Grantee	Subgrantee	Project Name	State	
100017	NWIFC	Lower Elwha Klallam Tribe, National Marine	Elwha River Basin Recovery	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$84,524.00	\$0.00	Puget Sound

Project Description

Develop and implement a salmon recovery approach.

Project Ref	Grantee	Subgrantee	Project Name	State	
100030	NWIFC	National Marine Fisheries Service, Port Gam	Environmental Assessment of the Port Gamble S'Klallam Tribal Reserv	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$64,000.00	\$0.00	Puget Sound

Project Description

Develop a formal environmental review and assessment process to protect and restore salmonid habitat on the Reservation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100177	NWIFC	NOAA Fisheries, National Marine Fisheries S	ESA Protection and Restoration Implementation	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$280,790.00	\$0.00	Puget Sound

Project Description
Provide protection and restoration of salmon habitat via tribal participation in myriad planning processes for the Skagit and Samish Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
100186	NWIFC	NOAA Fisheries, Skagit System Cooperative	ESA Tribal Infrastructure Policy Support	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$225,001.00	\$0.00	Puget Sound

Project Description
This project addresses the essential need of tribal policy involvement in the various day-to-day avenues that address salmon recovery. These avenues include; Shared Strategy, Comprehensive Chinook and Coho process, Pacific Fisheries Management Council, North of Falcon Process, in-stream flows, and various enhancement and restoration projects.

Project Ref	Grantee	Subgrantee	Project Name	State	
100116	NWIFC	NOAA Fisheries, Skokomish Tribe	Fisheries Management Planning/Salmon Recovery Coordination	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Watershed and Sub-basin Planning and Assessment	\$44,823.00	\$0.00	Puget Sound

Project Description
This project provides funding for a fisheries biologist to participate in the development of annual fishing plans, and salmon recovery plans within Hood Canal. The person will also participate in fisheries management activities in other areas where Hood Canal fishes could be intercepted in fisheries or otherwise impacted.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100012	NWIFC	10,000 Years Institute, Hoh Tribe, National M	Geographic Information System for the Hoh Watershed Monitoring Pro	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$16,000.00	\$0.00	Washington Coastal

Project Description

Creation of a Geographic Information System (GIS) to enable queries of map locations for linked historic and current data and digital photos for the Hoh Watershed and other related salmon habitat in the Pacific Northwest. The GIS will contain data from private, State and Federal landowners and resource managers, including NWIFC water quality data collected under the Hoh River Watershed Monitoring Program. The locations of all research projects conducted under the Pacific Coast Salmon Recovery Program, and links to project data will be included upon completion of the GIS development.

Project Ref	Grantee	Subgrantee	Project Name	State
100198	NWIFC		Habitat and Watershed Planning Program	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Watershed and Sub-basin Planning and Assessment	\$35,000.00	\$0.00	Washington Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
100029	NWIFC	National Marine Fisheries Service, Port Gam	Habitat Restoration of the Point No Point Marsh	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$30,000.00	\$0.00	Puget Sound

Project Description

A feasibility study will be produced detailing the estimated costs and steps required to engineer the restoration of the Point No Point salt marsh and tidal creek habitat. In the future the Tribe plans to address salt marsh restoration, drainage control, and tide gate removal/remediation in the area and re-open the salt marsh estuarine and tidal creek areas to juvenile salmon.

Project Ref	Grantee	Subgrantee	Project Name	State
100201	NWIFC		Hoh 2002 Program Coordination	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Watershed and Sub-basin Planning and Assessment	\$77,960.00	\$0.00	Washington Coastal

Project Description

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100006	NWIFC	Hoh Tribe, NOAA Fisheries	Hoh River Watershed Monitoring Program	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$90,000.00	\$0.00	Washington Coastal

Project Description

This project is a pilot watershed monitoring project in the Hoh River watershed. Monitoring includes water quality parameters of surface water temperature, turbidity, chemistry (pH and DO), and conductivity. Additional biotic and physical parameters include: 1) fish and amphibian distribution and inter-annual variability, 2) channel morphology (LWD, bank full depth and width, pool/riffle ratio, incision, off-channel habitat, and floodplain connectivity), 3) channel response to LWD inputs, storm events, and mass wasting, 4) channel embeddedness, 5) culvert barrier documentation, and 6) riparian invasive plant species inventory (reed canary grass, Japanese knotweed). The goal of the monitoring plan is to provide

Project Ref	Grantee	Subgrantee	Project Name	State	
100002	NWIFC	Makah Tribe, NOAA Fisheries	Lake Ozette Hydrologic Investigations	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Watershed and Sub-basin Planning and Assessment	\$115,000.00	\$0.00	Washington Coastal

Project Description

The project is composed of several tasks developed to contribute to the recovery of threatened Lake Ozette sockeye. Tasks include 1) hydrologic investigations (historic data compilation and present conditions) to reconstruct shoreline conditions prior to logjam removal from the Ozette River in 1953. This model will be used for comparison with current shoreline profiles and vegetation surveys along Lake Ozette and tributary deltas. 2) Age and species distribution will be mapped in Lake Ozette, and 3) channel profiles and cross-sections will be mapped in Big River and Umbrella Creek to develop stage-discharge curves for the Lake, River and Creek, and tag wood in the Ozette River. 4) Researchers will collect wind/precipitation data and develop a wave energy model to analyze effects of modeled lake levels on spawning beach substrate. 5) Models of the water surface elevation of the lake, tributaries, and outlets with and without woody debris will be developed. 6) Sediment delivery to Lake Ozette will be analyzed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100023	NWIFC	Lummi Indian Nation, National Marine Fisheries	Nooksack Indian Tribe Coastal Salmon Initiative	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$417,500.00	\$0.00	Puget Sound

Project Description

This project contains continuing project elements under the WRIA 1 salmon recovery planning activities. Continued projects include monitoring of juvenile outmigration with a rotary screw trap on the South Fork Nooksack, spawning ground surveys over the spatial and temporal extent of chinook distribution, and collection and DNA analysis of salmonid samples collected in WRIA 1. Chinook outmigration from the South Fork will be estimated using the January to August screw trap catch data coupled with trap efficiency estimates and genetic stock identification. Early Chinook redd locations will be documented with a GPS. New project elements include land acquisition and acquisition of conservation easements to restore habitat-forming processes. Restoration plans will be developed/prioritized and implemented and are likely to involve instream wood placement, riparian plantings riprap setback/removal, and off-channel habitat improvement.

Project Ref	Grantee	Subgrantee	Project Name	State	
100015	NWIFC	Lower Elwha Klallam Tribe, NOAA Fisheries	On-Reservation Programmatic Plan	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$16,780.00	\$0.00	Puget Sound

Project Description

Develop a programmatic plan to address ESA.

Project Ref	Grantee	Subgrantee	Project Name	State	
100168	NWIFC	NOAA Fisheries, Suquamish Tribe	Salmon Recovery Activities	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$101,439.00	\$0.00	Puget Sound

Project Description

Provide funding for Suquamish Tribal representation on salmon recovery initiatives.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100022	NWIFC	National Marine Fisheries Service, Nisqually	Salmon Recovery in the Nisqually River	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$417,500.00	\$0.00	Puget Sound

Project Description

The Tribe is developing a multi-species salmon recovery plan (Nisqually Basin Salmon Recovery Plan) using the Ecosystem and Diagnosis Treatment (EST) approach. The plan addresses 1) habitat restoration project design, and monitoring plans for each, 2) Model development and predictions of productivity gains from restoration projects, 3) field investigations of salmonid usage in the basin, and 4) development of a conceptual framework to determine basin productivity.

Project Ref	Grantee	Subgrantee	Project Name	State
100182	NWIFC	NOAA Fisheries, Seattle City Light, Skagit Co	Skagit Estuary Habitat Restoration - Milltown and Wiley Complex	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$56,026.00	\$0.00	Puget Sound

Project Description

After the separate Browns and Hall study and broader Fir Island watershed study, this project focuses on designing recovery projects in priority estuary habitat areas specifically in the South Fork Skagit R area around Milltown Island and Wiley complexes.

Project Ref	Grantee	Subgrantee	Project Name	State
100125	NWIFC	NOAA Fisheries, Skokomish Tribe	Skokomish Fisheries Salmon Recovery Coordinator	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$44,289.00	\$0.00	Puget Sound

Project Description

This project is to fund 1/2 FTE for a Skokomish Tri be representative to various local, regional, and state-wide salmon recovery forums and planning processes. This person will be the liaison between these planning processes and the Skokomish Tribal Council and the people of the Skokomish Tribe.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100133	NWIFC	NOAA Fisheries, Skokomish Tribe	Skokomish River / Treaty Area Landscape Parcel Acquisition and Opti	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$25,793.00	\$0.00	Puget Sound

Project Description
 This project will fund a partial FTE to plan and pursue land acquisitions under other PCSRF projects conducted by the Skokomish Tribe.

Project Ref	Grantee	Subgrantee	Project Name	State	
100141	NWIFC	NOAA Fisheries, Squaxin Island Tribe	South Sound Watershed Restoration Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$100,000.00	\$0.00	Puget Sound

Project Description
 Use the Ecosystem Diagnosis and Treatment watershed analysis method to identify restoration priorities for coho and chum salmon in five stream systems feeding southern Puget Sound. It is hoped that increasing population sizes can prevent a petition for listing of these populations under the Endangered Species Act.

Project Ref	Grantee	Subgrantee	Project Name	State	
100005	NWIFC	Makah Tribe, NOAA Fisheries	Technical Salmon Recovery Planning	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$49,910.00	\$0.00	Puget Sound

Project Description
 This project contributes to salmon recovery in the Makah U&A and the North Olympic Peninsula regions by providing funding for participation in 1) Ozette sockeye recovery planning, including TRT efforts to develop numerical goals and population units needed for recovery, as well as a formal recovery plan; 2) North Olympic Peninsula Lead Entity Group (NOPLEG) and Technical Recovery Group (TRG) salmon recovery planning efforts; 3) PST coho and sockeye planning processes to reconstruct stock abundances and model population dynamics. The final element of this project, is 4) Expansion of the Hoko HGMP to include chinook reintroduction to the Sekiu, Clallam, and Pysht rivers, where chinook have been all but extirpated (Hoko chinook are the nearest remnant locally-adapted stock). The Tribe will be actively involved in coordinated multi-agency modeling and data analysis, where the synthesis of information from research, monitoring, stock assessment, population modeling, and salmon habitat restoration efforts will be used in salmon recovery planning and programs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100146	NWIFC	NOAA Fisheries, Stillaguamish Tribe	Verify DNR Stream Typing Designations	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$20,536.00	\$0.00	Puget Sound

Project Description

Field verification/correction of stream types. Corrections sent to Washington Department of Natural Resources.

Project Ref	Grantee	Subgrantee	Project Name	State	
100140	NWIFC	NOAA Fisheries, Squaxin Island Tribe	Watershed Restoration Planning	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$189,492.00	\$0.00	Puget Sound

Project Description

Hire a full-time employee to work with regional agencies, and coordinate habitat restoration activities in Washington WRIAs 13, 14, and part of 15.

Project Ref	Grantee	Subgrantee	Project Name	State	
100161	NWIFC	City of Bainbridge Island , NOAA Fisheries,	Bainbridge Island Nearshore Assessment	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Watershed and Sub-basin Planning and Assessment	\$15,030.00	\$0.00	Puget Sound

Project Description

Assessment of Bainbridge Island's shoreline habitat. Identify and prioritize future restoration projects.

Project Ref	Grantee	Subgrantee	Project Name	State	
100114	NWIFC	NOAA Fisheries, Skokomish Tribe	Comparison of TFW Ambient Monitoring Methods and the DNR/HCSEG	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Watershed and Sub-basin Planning and Assessment	\$2,510.00	\$0.00	Puget Sound

Project Description

The Hood Canal Salmon Enhancement Group has collected much stream habitat data in the Hood Canal drainage using Washington DNR 's 'GRID' method. The GRID method is a less expensive though less thorough habitat characterization method as compared to the TFW method, which is the method used in most of Washington state (outside of USDA Forest service lands). This study will determine whether the GRID method is sufficient for collecting data into the future for the Hood Canal area, or if a switch to the TFW method is warranted.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100074	NWIFC	Bureau of Indian Affairs, Hood Canal Coor C	Dosewallips River Habitat Assessment	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$36,797.00	\$0.00	Puget Sound

Project Description

This project will couple remote sensing technologies (LIDAR and high-resolution digital video) with traditional field survey techniques to map in-channel and floodplain LWD and pool habitat. During summer 2001, 1.4 km of mainstem and 4.9 km of tributary and side-channel habitat were surveyed for LWD and pool habitat using the TFW Ambient Monitoring Program protocols. Overflights were performed in the winter for LIDAR (detailed floodplain micro-topography information) and digital orthophotography that will be combined with ground surveys to generate maps of critical habitat for threatened Puget Sound chinook and Hood Canal summer chum.

Project Ref	Grantee	Subgrantee	Project Name	State
100052	NWIFC	Jamestown S'Klallam Tribe, NOAA Fisheries	Dungeness River / Jimmy-come-lately Creek Salmon Recovery	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$282,500.00	\$0.00	Puget Sound

Project Description

The following project activities were proposed by the Tribe to address the limiting factors affecting Hood Canal summer chum and Puget Sound chinook: 1) Strategic salmon recovery planning involving cooperative habitat restoration planning; 2) Riparian Corridor Protection and Restoration: through collection of data on property ownership, assessed value, location of restoration projects, and habitat conditions. The data and maps will assist in cooperatively working with the County, state, and federal agencies and private foundations on conservation easements, acquisition, and protection strategies for critical parcels; 3) Jimmy-come-lately Creek and Estuary Restoration: The tribe will be collecting biological samples of adult chum in the fall, as well as contribution to this multi-agency restoration effort by performing project coordination duties; 4) Water Conservation: The tribe will cooperatively design and implement water conservation projects to conserve instream flows; 5) Dungeness Chinook Captive Broodstock Assessment: involving egg collection, captive rearing and spawning and release; and 6) Dungeness Bay Fishery Monitoring and Sampling: to monitor incidental chum and chinook catch.

Project Ref	Grantee	Subgrantee	Project Name	State
100055	NWIFC	Lower Elwha Klallam Tribe, National Marine	Elwha River Basin Recovery	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$29,446.00	\$0.00	Puget Sound

Project Description

Develop and implement a salmon recovery approach.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100178	NWIFC	NOAA Fisheries, National Marine Fisheries S	ESA Protection and Restoration Implementation	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$315,593.00	\$0.00	Puget Sound

Project Description
Provide protection and restoration of salmon habitat via tribal participation in myriad planning processes for the Skagit and Samish Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
100205	NWIFC		Hoh 2001 Program Coordination	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$76,955.00	\$0.00	Washington Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
100073	NWIFC	Muckleshoot Tribe, NOAA Fisheries	Hydroacoustic Study	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$141,250.00	\$0.00	Lower Columbia

Project Description
Hydroacoustic Study/Refinement of escapement and outmigration estimates in the Muckleshoot U&A (Lake Washington System, Green/Duwamish System, and White/Puyallup System): Funds will support staffing to use mobile (boat mounted) and stationary hydroacoustic package. The stationary package can be operated from a river bank and provides estimates of numbers of adults returning and their return timing. The mobile package can provide estimates of the numbers and distribution of fish in streams, lakes and bays. Attempts will also be made to use both systems to estimate juvenile outmigration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100061	NWIFC	NOAA Fisheries, Nooksack Tribe	Nooksack Indian Tribe Coastal Salmon Initiative	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$282,500.00	\$0.00	Puget Sound

Project Description

This project contains continuing project elements under the WRIA 1 salmon recovery planning activities. Continued projects include 1) monitoring of juvenile outmigration with a rotary screw trap on the South Fork Nooksack, 2) spawning ground surveys over the spatial and temporal extent of chinook distribution, and 3) collection and DNA analysis of salmonid samples collected in WRIA 1. Chinook outmigration from the South Fork will be estimated using the January to August screw trap catch data coupled with trap efficiency estimates and genetic stock identification. Early Chinook redd locations will be documented with a GPS. New project elements include land acquisition and acquisition of conservation easements to restore habitat-forming processes. Restoration plans will be developed/prioritized and implemented and are likely to involve instream wood placement, riparian plantings riprap setback/removal, and off-channel habitat improvement.

Project Ref	Grantee	Subgrantee	Project Name	State
100053	NWIFC	Lower Columbia Fish Recov Bd, NOAA Fish	On-Reservation Programmatic Plan	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$65,155.00	\$0.00	Puget Sound

Project Description

Develop a programmatic plan to address ESA in the Lower Elwha Klallam Tribe reservation limits.

Project Ref	Grantee	Subgrantee	Project Name	State
100167	NWIFC	NOAA Fisheries, Suquamish Tribe	Salmon Recovery Activities	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Watershed and Sub-basin Planning and Assessment	\$11,208.00	\$0.00	Puget Sound

Project Description

Provide funding for Suquamish Tribal representation on salmon recovery initiatives.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100060	NWIFC	NOAA Fisheries, Nisqually Tribe	Salmon Recovery in the Nisqually River	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$282,500.00	\$0.00	Puget Sound

Project Description

The Tribe developed a multi-species salmon recovery plan (Nisqually Basin Salmon Recovery Plan) using the Ecosystem and Diagnosis Treatment (EST) approach. The plan addresses 1) habitat restoration project design, and monitoring plans, 2) Model development and predictions of productivity gains from restoration projects, 3) field investigations of salmonid usage in the basin, and 4) development of a conceptual framework to determine basin productivity. This year, the Tribe will implement certain components of the plan, as well as hire 3 FTEs. The new staff will be hired to inventory fish usage in the Nisqually Basin, design and implement several habitat restoration projects, and develop a study design to determine productivity of all salmonid species.

Project Ref	Grantee	Subgrantee	Project Name	State
100183	NWIFC	NOAA Fisheries, Seattle City Light, Skagit Co	Skagit Estuary Habitat Restoration - Conway Distributary and Wiley Co	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$70,921.00	\$0.00	Puget Sound

Project Description

Design recovery projects in priority estuary habitat areas that expands upon the Browns and Hall study, covering the entire Fir Island watershed

Project Ref	Grantee	Subgrantee	Project Name	State
100138	NWIFC	Capitol Land Trust, NOAA Fisheries, Squaxi	South Puget Sound Salmon Recovery Strategy	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Watershed and Sub-basin Planning and Assessment	\$282,500.00	\$0.00	Puget Sound

Project Description

Develop a coordinated salmon restoration strategy for the south Puget Sound area. Also proceed on several restoration projects, land acquisition, and research and evaluation projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100143	NWIFC	NOAA Fisheries, Stillaguamish Tribe	Stillaguamish Chinook Salmon Recovery Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Watershed and Sub-basin Planning and Assessment	\$282,500.00	\$0.00	Puget Sound

Project Description

This project has several components: 1) Participation in the Tri-County Chinook Recovery Forum; 2) Develop public education materials concerning Chinook salmon recovery in the Stillaguamish basin for the Tribe's annual Festival of the River celebration; 3) Determine minimum instream flows necessary for salmonids; 4) Model peak flow impacts in the Stillaguamish basin; 5) Monitor recently-completed habitat restoration projects, and create a GIS layer of the sites, and supporting GIS layers; 6) Enumerate smolts as they move toward the ocean, and develop a Chinook production index model.

Project Ref	Grantee	Subgrantee	Project Name	State
100176	NWIFC	NOAA Fisheries, Skagit System Cooperative	Suiattle Isolated Habitat - Boundary Bridge Feasibility	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$24,029.00	\$0.00	Puget Sound

Project Description

The project proposed to develop design alternatives for upgrading the Boundary bridge, which is located at River Mile 11.9 on the Suiattle River, a major tributary to the Sauk River. The bridge and associated road has a large fill placed across the floodplain, which is blocking several overflow channels of the Suiattle River and crossing one fish-bearing stream. The Suiattle River is likely to re-occupy one of its historic channels further upstream and flow directly into the fill, which could destroy the crossing, contribute sediment to the channel, and inhibit off-channel habitat formation. This project proposed to assess and develop design alternatives that will allow the Suiattle River to migrate more freely along the floodplain.

Project Ref	Grantee	Subgrantee	Project Name	State
100082	NWIFC	Lower Elwha Klallam Tribe, NOAA Fisheries,	Elwha River Basin Recovery	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Watershed and Sub-basin Planning and Assessment	\$35,200.00	\$0.00	Puget Sound

Project Description

Develop and implement a salmon recovery approach. In this year's funding cycle, it is anticipated that a final draft of the salmon recovery plan will be completed and adopted by cooperative parties involved in Elwha River ecosystem recovery. In addition, brood stock collection for restoration efforts will occur, scale analysis of Chinook salmon to estimate wild production will occur, as well as monitoring near-shore and estuarine habitat to determine possible impacts to salmon productivity.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100179	NWIFC	NOAA Fisheries, National Marine Fisheries S	ESA Protection and Restoration Implementation	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-02 -	Watershed and Sub-basin Planning and Assessment	\$354,902.00	\$0.00	Puget Sound

Project Description
Provide protection and restoration of salmon habitat via tribal participation in myriad planning processes for the Skagit and Samish Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
100081	NWIFC	Lower Elwha Klallam Tribe, NOAA Fisheries,	Fisheries Harvest, Habitat, and Hatchery Management	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Watershed and Sub-basin Planning and Assessment	\$35,200.00	\$0.00	Puget Sound

Project Description
Participation of staff in technical forums; identification and development of specific habitat restoration measures; evaluation of improved salmon enhancement measures; research regarding habitat quality and relative productivity of the habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
100202	NWIFC		Hoh 2000 Program Coordination	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Watershed and Sub-basin Planning and Assessment	\$65,501.00	\$0.00	Washington Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
100150	NWIFC	NOAA Fisheries, Suquamish Tribe	Kitsap County Salmon Recovery Plans Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 -	Watershed and Sub-basin Planning and Assessment	\$135,709.00	\$0.00	Puget Sound

Project Description
Suquamish Tribe participation in Kitsap County's (WA) Salmon Habitat Protection and Restoration Plan, Kitsap County's Conservation Refugia for Salmon Recovery Study, Washington State's WRIA 15 Limiting Factors Analysis, the Washington state Salmon Recovery Funding board process, and technical advisory groups involved with these processes.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100085	NWIFC	Lummi Indian Nation, NOAA Fisheries	Lummi Nation Chinook Salmon Recovery Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Watershed and Sub-basin Planning and Assessment	\$78,869.00	\$0.00	Puget Sound

Project Description

This project is the precursor to the Lummi Nation Chinook Salmon Recovery Project activities outlined for FY2001 and FY 2002. This project is titled: Lummi Nation WRIA 01 Salmon Recovery Coordination and involves continuing financial support to staff the Tribe's ESA Coordinator position. The project allows Lummi participation and leadership in the assessment of the Ecosystem, Diagnosis, and Treatment tool (EDT) in the Nooksack watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
100095	NWIFC	Lummi Indian Nation, NOAA Fisheries, Nooks	Lummi Nation WRIA 01 Salmon Research and Assessment	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Watershed and Sub-basin Planning and Assessment	\$156,131.00	\$0.00	Puget Sound

Project Description

This project primarily involves support for existing staffing that perform research and assessment activities for the Tribe. Positions include a Fisheries Biologist, Fisheries Technician, and Geomorphologist. The project provides for assessment and monitoring of in-migrant adult salmon, spawning populations, juvenile rearing and smolt out-migrants. It also provides follow-up research and monitoring for efforts undertaken by the Tribe in 1999 and early 2000.

Project Ref	Grantee	Subgrantee	Project Name	State	
100080	NWIFC	Lower Elwha Klallam Tribe, NOAA Fisheries	On-Reservation Programmatic Plan	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Watershed and Sub-basin Planning and Assessment	\$63,700.00	\$0.00	Puget Sound

Project Description

Develop a programmatic plan to address ESA.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100087	NWIFC	NOAA Fisheries, Nisqually Tribe	Salmon Recovery in the Nisqually River	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Watershed and Sub-basin Planning and Assessment	\$235,000.00	\$0.00	Puget Sound

Project Description

The Tribe is developing a multi-species salmon recovery plan (Nisqually Basin Salmon Recovery Plan) using the Ecosystem and Diagnosis Treatment (EST) approach. The plan addresses 1) habitat restoration project design, and monitoring plans for each, 2) Model development and predictions of productivity gains from restoration projects, 3) field investigations of salmonid usage in the basin, and 4) development of a conceptual framework to determine basin productivity.

Project Ref	Grantee	Subgrantee	Project Name	State
100180	NWIFC	NOAA Fisheries, Seattle City Light, Skagit Sy	Skagit Estuary Habitat Restoration - Browns and Hall Slough	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-APR-01	Watershed and Sub-basin Planning and Assessment	\$22,687.00	\$0.00	Puget Sound

Project Description

With multiple participants (namely the Skagit Watershed Council and Seattle City Light) develop design restoration alternatives for Browns and Hall Slough in the Skagit Estuary.

Project Ref	Grantee	Subgrantee	Project Name	State
100137	NWIFC	NOAA Fisheries, Squaxin Island Tribe	South Puget Sound Salmon Recovery Strategy	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 -	Watershed and Sub-basin Planning and Assessment	\$235,000.00	\$0.00	Puget Sound

Project Description

Develop a coordinated salmon restoration strategy for the south Puget Sound area. Also proceed on several restoration projects, land acquisition, and research and evaluation projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100142	NWIFC	NOAA Fisheries, Stillaguamish Tribe	Stillaguamish Chinook Salmon Recovery Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 -	Watershed and Sub-basin Planning and Assessment	\$235,000.00	\$0.00	Puget Sound

Project Description

This project has several components: 1) Participation in the Tri-County Chinook Recovery Forum; 2) Develop public education materials concerning Chinook salmon recovery in the Stillaguamish basin for the Tribe's annual Festival of the River celebration; 3) Determine minimum instream flows necessary for salmonids; 4) Create a landslide hazard zone map and model peak flow impacts in the Stillaguamish basin; 5) Monitor recently-completed habitat restoration projects, and create a GIS layer of the sites; 6) Enumerate smolts as they move toward the ocean.

Project Ref	Grantee	Subgrantee	Project Name	State
100076	NWIFC	Makah Tribe, NOAA Fisheries	Technical Salmon Recovery Planning	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Watershed and Sub-basin Planning and Assessment	\$220,000.00	\$0.00	Puget Sound

Project Description

This project contributes to salmon recovery in the Makah U&A and the North Olympic Peninsula regions by providing funding for participation in 1) Ozette sockeye recovery planning, including TRT efforts to develop numerical goals and population units needed for recovery, as well as a formal recovery plan; 2) North Olympic Peninsula Lead Entity Group (NOPLEG) and Technical Recovery Group (TRG) salmon recovery planning efforts; 3) PST coho and sockeye planning processes to reconstruct stock abundances and model population dynamics. The final element of this project, is 4) Expansion of the Hoko HGMP to include chinook reintroduction to the Sekiu, Clallam, and Pysht rivers, where chinook have been all but extirpated (Hoko chinook are the nearest remnant locally-adapted stock). The Tribe will be actively involved in coordinated multi-agency modeling and data analysis, where the synthesis of information from research, monitoring, stock assessment, population modeling, and salmon habitat restoration efforts will be used in salmon recovery planning and programs.

Project Ref	Grantee	Subgrantee	Project Name	State
100187	NWIFC	Hatchery Scientific Recovery Group, NOAA	Enhancement of Skagit Salmon Stocks & ESA Related Enhancement A	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Enhancement	\$107,313.00	\$0.00	Puget Sound

Project Description

Enhance Skagit River Chum by catching about 500 wild chum broodstock in the Skagit River prior to spawning, transport the fish to the Red Creek Hatchery, spawn them, rear progeny to fingerling size and release them in the Skagit System after otolith-marking each so they can be identified when they return. ALSO work with WDFW and the Hatchery Scientific Recovery Group (HSRG) to develop recommendations for the Skagit System Cooperative facilities and ongoing development of Skagit Hatchery Genetic Management plans for the Skagit System Cooperative Tribes.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100016	NWIFC	Lower Elwha Klallam Tribe, NOAA Fisheries	Fisheries Harvest, Habitat, and Hatchery Management	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Enhancement	\$145,629.00	\$0.00	Puget Sound

Project Description

Participation of staff in technical forums; identification and development of specific habitat restoration measures; evaluation of improved salmon enhancement measures; research regarding habitat quality and relative productivity of the habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
100026	NWIFC	Port Gamble S'Klallam Tribe, Washington Dep	Genetic Characterization of Chinook from mid-Hood Canal Rivers	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-02 -	Salmon Enhancement	\$35,000.00	\$0.00	Puget Sound

Project Description

Sampling for juvenile chinook in the Dosewallips River was conducted on four occasions (April-July). Sampling will continue next year, adding the Duckabush River as an additional potential catch site until 50-100 chinook are collected. In the fall, samples will be taken from returning adults during spawning surveys. Summer chum Otolith samples (~400) were taken from Big Beef Creek, Little Anderson Creek, Little Quilcene River, and Chimacum Creek in 2001. This year, the otolith samples will be analyzed by WDFW to determine the contribution of the supplementation program to the summer chum populations in the Big Quilcene River and Chimacum Creek, as well as the rate of straying into other systems.

Project Ref	Grantee	Subgrantee	Project Name	State
100160	NWIFC	NOAA Fisheries, Suquamish Tribe	Gorst Creek Salmon Enhancement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Enhancement	\$75,784.00	\$0.00	Puget Sound

Project Description

Mark Grover's Creek Hatchery fall chinook salmon with coded wire tags so that they can be identified on spawning grounds of ESA-listed fish.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100004	NWIFC	Makah Tribe, NOAA Fisheries	Native Stock Supplementation Improvements	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-FEB-03 -	Salmon Enhancement	\$12,377.00	\$0.00	Washington Coastal

Project Description
 Hatchery fin-clipping and otolith marking, and live organism feeding are the primary tasks included in this project.

Project Ref	Grantee	Subgrantee	Project Name	State
100035	NWIFC	National Marine Fisheries Service, Puyallup T	Puyallup Basin Fisheries Enhancement and Monitoring	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Enhancement	\$417,500.00	\$0.00	Puget Sound

Project Description
 This project is a continuation of enhancement efforts related to upper White River spring Chinook, as well as upper Puyallup River chinook and coho restoration. The Tribe will also continue with ongoing monitoring efforts, including catch sampling, adult escapement surveys and smolt trapping. Programs are year round. Rearing efforts take place at six acclimation ponds in the spring. Outmigration monitoring is year round at the Electron Forebay trap and from March through September at the lower Puyallup River screw trap. Spawning surveys begin in mid-August and continue through February for chum and coho. Steelhead surveys begin March 15 and go through June 15.

Project Ref	Grantee	Subgrantee	Project Name	State
100170	NWIFC	NOAA Fisheries, Quinault Indian Nation	Queets Wild Coho Supplementation	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Enhancement	\$210,261.00	\$0.00	Washington Coastal

Project Description
 Queets wild coho stock has frequently limited ocean and terminal area fisheries over the past two decades. Presently the Olympic Peninsula Coho ESU is under review. The Queets wild coho supplementation program is an on-going project that started in 1984 and has undergone revisions over time as new information becomes available. Currently it uses innovative enhancement techniques including; capturing wild broodstock at various sites associated with upper mainstems and high gradient streams, raising the progeny of each site separately to the pre-smolt stage, acclimating the pre-smolts in natural or semi-natural pond sites near the location of the originating parents, allowing for volitional release as smolts, externally marking 100% of the smolts coupled with individual tag codes for each site location, allowing the returning adults to spawn naturally, thereby increasing the total spawning population and contributing to the natural fry and smolt production within the basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100173	NWIFC	NOAA Fisheries, Quinault Indian Nation	Sockeye Supplementation and Enhancement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Enhancement	\$207,239.00	\$0.00	Washington Coastal

Project Description
Enhance Quinault River Sockeye by catching wild sockeye from Quinault Lake, spawn them at a hatchery, rear progeny to swim-up fry and zero-age smuts then release them back into the Quinault Lake after otolith-marking each so they can be identified when they return.

Project Ref	Grantee	Subgrantee	Project Name	State
100021	NWIFC	Muckleshoot Tribe, National Marine Fisheries	White River Hatchery Operations and Maintenance	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Enhancement	\$417,500.00	\$0.00	Puget Sound

Project Description
The White River Spring Chinook stock was listed as Threatened under the 1999 ESA listing of the Puget Sound Chinook ESU. PCSRF funds sustain operations and maintenance activities at the White River Hatchery.

Project Ref	Grantee	Subgrantee	Project Name	State
100097	NWIFC	NOAA Fisheries, Puyallup Tribe	Electron Fisheries Enhancement Program	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Enhancement	\$141,250.00	\$0.00	Puget Sound

Project Description
One of the elements of this project is the continuation of ongoing enhancement efforts related to upper White River spring Chinook, as well as upper Puyallup River chinook and coho restoration. The Tribe will conduct ongoing monitoring efforts, including catch sampling, adult escapement surveys and smolt trapping. Programs are year round. Rearing efforts take place at six acclimation ponds in the spring. Outmigration monitoring is year round at the Electron Forebay trap and from March through September at the lower Puyallup River screw trap. Spawning surveys begin in mid-August and continue through February for chum and coho. Steelhead surveys begin March 15 and go through June 15. The purpose of the monitoring is to obtain updated numbers following habitat restoration and forest practice rule changes over the last decade. Habitat improvements throughout the Dickey System have provided improved juvenile summer and winter habitats. It is expected that the winter and summer habitats and population numbers have improved for juvenile coho's. Another component of this project involves monitoring/counting redds to obtain data on returning adult populations, as well as sampling tribal catch (gillnetting) and spawning grounds. Finally, participation in local salmon recovery programs, and use of the data in setting harvest management goals and determining appropriate management strategies are all funded under this project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100188	NWIFC	NOAA Fisheries, Skagit System Cooperative	Enhancement of Skagit Salmon Stocks	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Enhancement	\$124,118.00	\$0.00	Puget Sound

Project Description

Enhance Skagit River Chum by catching about 500 wild chum broodstock in the Skagit River prior to spawning, transport the fish to the Red Creek Hatchery, spawn them, rear progeny to fingerling size and release them in the Skagit System after otolith-marking each so they can be identified when they return.

Project Ref	Grantee	Subgrantee	Project Name	State
100054	NWIFC	Lower Elwha Klallam Tribe, National Marine	Fisheries Harvest, Habitat, and Hatchery Management	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Enhancement	\$76,697.00	\$0.00	Puget Sound

Project Description

Participation of staff in technical forums; identification and development of specific habitat restoration measures; evaluation of improved salmon enhancement measures; research regarding habitat quality and relative productivity of the habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
100159	NWIFC	NOAA Fisheries, Suquamish Tribe	Gorst Creek Salmon Enhancement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Enhancement	\$60,120.00	\$0.00	Puget Sound

Project Description

Mark Grover's Creek Hatchery fall chinook salmon with coded wire tags so that they can be identified on spawning grounds of ESA-listed fish.

Project Ref	Grantee	Subgrantee	Project Name	State
100070	NWIFC	Makah Tribe, NOAA Fisheries	Juvenile Chinook Imprinting Pond Construction	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Enhancement	\$13,500.00	\$0.00	Puget Sound

Project Description

The Makah tribe proposes to construct two imprinting ponds that will be used to acclimate juvenile chinook to habitats targeted for reintroduction, and to allow volitional release. One pond will be constructed in the upper Hoko River and one in the mainstem Sekiu River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100171	NWIFC	NOAA Fisheries, Quinault Indian Nation	Queets Wild Coho Supplementation	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Enhancement	\$200,149.00	\$0.00	Washington Coastal

Project Description					
<p>Queets wild coho stock has frequently limited ocean and terminal area fisheries over the past two decades. Presently the Olympic Peninsula Coho ESU is under review. The Queets wild coho supplementation program is an on-going project that started in 1984 and has undergone revisions over time as new information becomes available. Currently it uses innovative enhancement techniques including; capturing wild broodstock at various sites associated with upper mainstems and high gradient streams, raising the progeny of each site separately to the pre-smolt stage, acclimating the pre-smolts in natural or semi-natural pond sites near the location of the originating parents, allowing for volitional release as smolts, externally marking 100% of the smolts coupled with individual tag codes for each site location, allowing the returning adults to spawn naturally, thereby increasing the total spawning population and contributing to the natural fry and smolt production within the basin.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State
100071	NWIFC	Makah Tribe, NOAA Fisheries	Relocation of Umbrella Creek Hatchery	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Enhancement	\$20,188.00	\$0.00	Washington Coastal

Project Description					
<p>The project consists of moving the Makah Tribe's Umbrella Creek adult sockeye ripening and juvenile rearing facility to a new location on Umbrella Creek. The need to find a new water source location for hatchery operations resulted from disease being transferred to adult broodstock hatchery fish from several hundred naturally spawning adult sockeye above the facility's water intake.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State
100174	NWIFC	NOAA Fisheries, Quinault Indian Nation	Sockeye Supplementation and Enhancement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Enhancement	\$82,351.00	\$0.00	Washington Coastal

Project Description					
<p>Enhance Quinault River Sockeye by catching wild sockeye from Quinault Lake, spawn them at a hatchery, rear progeny to swim-up fry and zero-age smolts then release them back into the Quinault Lake after otolith-marking each so they can be identified when they return.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100067	NWIFC	NOAA Fisheries, Puyallup Tribe	Spring Chinook Enhancement Program	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Enhancement	\$141,250.00	\$0.00	Puget Sound

Project Description

This project is a continuation of enhancement efforts related to upper White River spring Chinook, as well as upper Puyallup River chinook and coho restoration. The Tribe will continue with ongoing monitoring efforts, including catch sampling, adult escapement surveys and smolt trapping. Programs are year round. Rearing efforts take place at six acclimation ponds in the spring. Outmigration monitoring is year round at the Electron Forebay trap and from March through September at the lower Puyallup River screw trap. Spawning surveys begin in mid-August and continue through February for chum and coho. Steelhead surveys begin March 15 and go through June 15.

Project Ref	Grantee	Subgrantee	Project Name	State
100089	NWIFC	NOAA Fisheries, Puyallup Tribe	Puyallup Basin Fisheries Enhancement and Monitoring (listed as 2 proj)	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-02 -	Salmon Enhancement	\$235,000.00	\$0.00	Puget Sound

Project Description

This project is the first year of enhancement efforts related to upper White River spring Chinook, as well as upper Puyallup River chinook and coho restoration. These projects were listed separately in 2000 and 2001 under the project titles "Spring Chinook Enhancement Program" and "Electron Fisheries Enhancement Program", but contain the same work elements and scheduling across all three years. The Tribe will conduct ongoing monitoring efforts, including catch sampling, adult escapement surveys and smolt trapping. Programs are year round. Rearing efforts take place at six acclimation ponds in the spring. Outmigration monitoring is year round at the Electron Forebay trap and from March through September at the lower Puyallup River screw trap. Spawning surveys begin in mid-August and continue through February for chum and coho. Steelhead surveys begin March 15 and go through June 15. The purpose of the monitoring is to obtain updated numbers following habitat restoration and forest practice rule changes over the last decade. Habitat improvements throughout the Dickey System have provided improved juvenile summer and winter habitats. It is expected that the winter and summer habitats and population numbers have improved for juvenile coho's. Another component of this project involves monitoring/counting redds to obtain data on returning adult populations, as well as sampling tribal catch (gillnetting) and spawning grounds. Finally, participation in local salmon recovery programs, and use of the data in setting harvest management goals and determining appropriate management strategies are all funded under this project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100172	NWIFC	NOAA Fisheries, Quinault Indian Nation	Queets Wild Coho Supplementation	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-02 -	Salmon Enhancement	\$148,398.00	\$0.00	Washington Coastal

Project Description
<p>Queets wild coho stock has frequently limited ocean and terminal area fisheries over the past two decades. Presently the Olympic Peninsula Coho ESU is under review. The Queets wild coho supplementation program is an on-going project that started in 1984 and has undergone revisions over time as new information becomes available. Currently it uses innovative enhancement techniques including; capturing wild broodstock at various sites associated with upper mainstems and high gradient streams, raising the progeny of each site separately to the pre-smolt stage, acclimating the pre-smolts in natural or semi-natural pond sites near the location of the originating parents, allowing for volitional release as smolts, externally marking 100% of the smolts coupled with individual tag codes for each site location, allowing the returning adults to spawn naturally, thereby increasing the total spawning population and contributing to the natural fry and smolt production within the basin.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
100175	NWIFC	NOAA Fisheries, Quinault Indian Nation	Sockeye Supplementation and Enhancement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-02 -	Salmon Enhancement	\$73,647.00	\$0.00	Washington Coastal

Project Description
<p>Enhance Quinault River Sockeye by catching wild sockeye from Quinault Lake, spawn them at a hatchery, rear progeny to swim-up fry and zero-age smolts then release them back into the Quinault Lake after otolith-marking each so they can be identified when they return.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
100086	NWIFC	Muckleshoot Tribe, NOAA Fisheries	White River Hatchery Operations and Maintenance	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Salmon Enhancement	\$235,000.00	\$0.00	Puget Sound

Project Description
<p>The White River Spring Chinook stock was listed as Threatened under the 1999 ESA listing of the Puget Sound Chinook ESU. PCSRF funds sustain operations and maintenance activities at the White River Hatchery.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100036	NWIFC	National Marine Fisheries Service, Quileute T	Assesment of Salmonid Populations (in the Quillayute River System an	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Salmon Research, Monitoring, and Evaluation	\$417,500.00	\$0.00	Washington Coastal

Project Description

The tribe will monitor for juvenile coho salmonids by setting up smolt traps in the Dickey River tributaries. This was done 10 years ago with respect to outmigration population numbers for coho in the same tributaries. The purpose of the monitoring is to obtain updated numbers following habitat restoration and forest practice rule changes over the last decade. Habitat improvements throughout the Dickey System have provided improved juvenile summer and winter habitats. It is expected that the winter and summer habitats and population numbers have improved for juvenile coho's. Another component of this project involves monitoring/counting redds to obtain data on returning adult populations, as well as sampling tribal catch (gillnetting) and spawning grounds. Finally, participation in local salmon recovery programs, and use of the data in setting harvest management goals and determining appropriate management strategies are all funded under this project.

Project Ref	Grantee	Subgrantee	Project Name	State	
100166	NWIFC	NOAA Fisheries, Suquamish Tribe	Central Puget Sound Salmon Research and Monitoring	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Research, Monitoring, and Evaluation	\$35,290.00	\$0.00	Puget Sound

Project Description

- 1) Increase sampling of Chinook caught in area 10E fishery; 2) Improve escapement estimates to streams; 3) Age fish caught in fishery for brood year survival estimates;
- 4) Develop recovery exploitation rates for Chinook salmon; 5) Implement Puget Sound Chinook Resource Management Plan;

Project Ref	Grantee	Subgrantee	Project Name	State	
100145	NWIFC	NOAA Fisheries, Stillaguamish Tribe	Chinook Smolt Trap	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Research, Monitoring, and Evaluation	\$71,500.00	\$0.00	Puget Sound

Project Description

Operate a smolt trap to enumerate salmonids moving seaward during the spring/summer out-migration season.

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Project Ref	Grantee	Subgrantee	Project Name	State
100139	NWIFC	NOAA Fisheries, Squaxin Island Tribe	Coho Salmon Research and Assessment Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Research, Monitoring, and Evaluation	\$128,008.00	\$0.00	Puget Sound

Project Description

This project has three research components. 1) Refine the South Puget Sound Ecopath model to better describe the trophic relationships of coho salmon in southern Puget Sound. 2) Study movements in southern Puget Sound of hatchery coho recently released from hatcheries. 3) Determine number and proportion of hatchery-origin coho salmon that spawn in streams in the southern Puget Sound basin.

Project Ref	Grantee	Subgrantee	Project Name	State
100102	NWIFC	National Oceanic and Atmospheric Administr	Development of Chinook and Coho Salmon Recovery Strategies for th	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Research, Monitoring, and Evaluation	\$204,582.00	\$0.00	Puget Sound

Project Description

Recovery plans will include historical resource status; current resource status; recovery goals expressed in terms of abundance, productivity, and diversity; harvest management, artificial production, and habitat actions needed to achieve the goals; and a monitoring and evaluation program to measure progress towards the goals and to allow for adaptive management as more is learned.

Project Ref	Grantee	Subgrantee	Project Name	State
100189	NWIFC	NOAA Fisheries, Skagit System Cooperative	Enforcement of ESA Related Restrictions in Skagit and Samish Waters	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$90,885.00	\$0.00	Puget Sound

Project Description

Provide protection for the listed species through a strong enforcement patrol presence (2 employees at .5 FTE) during periods when Chinook are present in spawning areas and will provide monitoring of ESA related Chinook harvest restrictions during the fisheries.

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Project Ref	Grantee	Subgrantee	Project Name	State	
100034	NWIFC	National Marine Fisheries Service, Port Gam	Forage Fish Egg Survey in the Northern Hood Canal	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Research, Monitoring, and Evaluation	\$38,000.00	\$0.00	Puget Sound

Project Description					
<p>Undertake a forage fish survey designed to assess the impact of shoreline development on the abundance and survival of surf smelt and Pacific sand lance eggs. Pacific sand lance spawn on sand high in the intertidal zone (+7 to 9 ft) during winter months (Nov. - Jan. in Hood Canal). Surf smelt also spawn during the fall and winter months (Oct.-Jan.) in Hood Canal. The surveys are intended to quantify the impact of shoreline disturbance on saln lance and surf smelt by comparing egg density from disturbed versus non-disturbed sites. The experimental design compares spawn from 10 sites with and without alterations due to human development. Each site will be sampled 5 times annually during the appropriate spawning season along 100 foot transects at 1000 foot intervals, and using the accepted sampling and analysis protocols established by Moulton and Penttila (2001). Sample sites will be selected using historical data on known or suspected spawning areas in the north Hood Canal (Penttila 1995). The type, period and extent of armoring (i.e. location relative to spawning zone) will be determined prior to the selection of stations. These factors will be utilized to assess the relative severity of potential impacts due to armoring prior to initiation of sampling. Of primary concern are changes in sediment supply and characteristics (grain size) associated with human development. Repeated samplings and numerous sites are required to separate impacts from human development from natural variation in forage fish spawning.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
100008	NWIFC	Hoh Tribe, National Marine Fisheries Service	Groundwater and Heat Transport in the Hoh River Watershed: A pilot	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$36,240.00	\$0.00	Washington Coastal

Project Description					
<p>This project is part II of a phased project to examine the response of groundwater heat transport to management practices. The study investigates the potential for heated groundwater to be transported to fishbearing streams where it may impact salmonids and their food web by raising stream temperatures. Phase II consists of the second year of data collection, including the instrumentation of sites by installing wells along transects instrumented with continuous recording pressure transducers (for subsurface water levels) and temperature probes. Soil moisture and temperature and streambed seepage are being measured on a semi-monthly schedule. Products of the project include analysis of the data and a bibliography and literature review. Phase 1 (FY 2001) developed monitoring methods and identification of potential sampling sites in the Hoh River watershed.</p>					

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Project Ref	Grantee	Subgrantee	Project Name	State
100164	NWIFC	NOAA Fisheries, Suquamish Tribe	Grovers Creek Coho Recovery Monitoring	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Research, Monitoring, and Evaluation	\$39,190.00	\$0.00	Puget Sound

Project Description
 Continue evaluation and monitoring program to measure the response of a reintroduced coho salmon population to future habitat restoration activities in the Grovers Creek (Port Madison Indian Reservation) watershed. Investigate interaction with strays from nearby sea-pen salmon production operations.

Project Ref	Grantee	Subgrantee	Project Name	State
100009	NWIFC	Hoh Tribe, National Marine Fisheries Service,	Hoh Basin Perennial Initiation Point Survey Project, Year 2	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-02 -	Salmon Research, Monitoring, and Evaluation	\$15,000.00	\$0.00	Washington Coastal

Project Description
 This project investigates the distribution of perennial and seasonal streams in mature and managed forested sub-basins in the Hoh River Watershed. First year surveys (2001) must be replicated to evaluate if the zones of perennial flow change from year to year. Data collection will be conducted according to the CMER Perennial Stream Survey Field Sample Protocol (version 1.21). The project supports adaptive management related to water typing in headwater streams.

Project Ref	Grantee	Subgrantee	Project Name	State
100000	NWIFC	Makah Tribe, NOAA Fisheries	Hoko River Expanded Juvenile salmonid outmigration monitoring	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$46,669.00	\$0.00	Puget Sound

Project Description
 Measurements of total smolt abundance and productivity (for all salmonid species) were taken in the Hoko River, as well as wild coho smolt production in the Little Hoko River and Johnson Creek, two major tributaries to the Hoko River. The project measures the relative wild coho smolt contribution of these tributaries to the total wild coho smolt yield for the Hoko system, by building upon existing PST coho smolt and spawner survey efforts. Differentially marked natural-origin coho smolts captured in panel weirs in Johnson Creek and the Little Hoko were subsequently recaptured using a screw trap positioned in the lower mainstem, along with smolts outmigrating from the Hoko River. Chinook smolts were also captured, and the relative contributions of natural- and hatchery-origin chinook (also differentially marked) to the total chinook smolt yield were evaluated. Smolt yields for all other salmonids were also evaluated.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100117	NWIFC	NOAA Fisheries, National Park Service, Skok	Hood Canal Salmon/Steelhead Spawning Ground Surveys and Bull Tro	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-MAR-03 -	Salmon Research, Monitoring, and Evaluation	\$18,413.00	\$0.00	Puget Sound

Project Description

Continue spawning ground surveys in several streams. Surveys done in conjunction with WDFW, USDA Forest Service, and National Park Service, and expand the level of monitoring possible. Conduct spawning surveys weekly to bi-weekly. Numbers of live and dead salmon, and salmon redds, are determined; dead fishes are examined for marks and tags, and scales are taken for age analysis. Bull trout densities are determined using direct observation (snorkel counts). This work provides valuable information for land management and salmon harvest management.

Project Ref	Grantee	Subgrantee	Project Name	State
100190	NWIFC	NOAA Fisheries, Skagit Chinook WorkGroup,	Implementation and Monitoring of Skagit Chinook Recovery Goals	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$140,868.00	\$0.00	Puget Sound

Project Description

This project continues test fishery surveys of the Skagit Terminal area to: assist with watershed plans and monitor the effectiveness of the plans. Interim goals were established in a previous phase of this project and will continue to be refined. This phase's planning efforts target completion of the basin-specific plan and region-wide chinook and coho harvest management plans

Project Ref	Grantee	Subgrantee	Project Name	State
100033	NWIFC	National Marine Fisheries Service, Port Gam	Juvenile Salmonid Utilization of Estuarine Habitat in the North Hood Can	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAR-03 -	Salmon Research, Monitoring, and Evaluation	\$31,500.00	\$0.00	Puget Sound

Project Description

The proposed pilot study assesses the usefulness of the technique to evaluate the abundance and migratory timing of juvenile salmonids in areas of Hood Canal characterized by varying levels of human impact. The technique involves a combination of visual surveys and beach seining at 12 sites in north Hood Canal. Prior to the initiation of sampling, the researchers will categorize the habitat using information from Berry et al. 2001 and Hirschi et al. 2002. Each site will be visually surveyed five times during the peak salmonid out migration period (March-June). Replicate beach seine hauls will be made at four of the twelve sites during each sampling event to confirm species identification and to obtain length-weight measurements. Although primary focus is on ESA listed chinook and summer chum, information on all salmonids encountered will be noted. A comparison will be made between species presence and timing in the selected nearshore areas with out migration timing on the Hamma Hamma River and presence and timing in tidal creeks and marshes from other projects. If the technique produces reliable quantitative data, the Tribe will spatially and temporally extend the sampling in future years.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100118	NWIFC	NOAA Fisheries, Skokomish Tribe	Juvenile Salmonid Utilization of Tidal Creeks and Nearshore Areas in S	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	24-MAR-03 -	Salmon Research, Monitoring, and Evaluation	\$26,066.00	\$0.00	Puget Sound

Project Description

The importance of large estuaries to anadromous salmonids is well documented. This project will attempt to assess the use of smaller estuarine habitats (creek mouths, sloughs, beach areas, and lagoons) by juvenile anadromous salmonids. Of particular interest is use of non-natal stream mouths. Timing of use (seasonal) by each species will also be studied. The habitats will be assessed in terms of vegetation, habitat type, and temperatures.

Project Ref	Grantee	Subgrantee	Project Name	State
100025	NWIFC	National Marine Fisheries Service, Port Gam	Juvenile Salmonid Utilization of Tidal Creeks in North Hood Canal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-02 -	Salmon Research, Monitoring, and Evaluation	\$47,000.00	\$0.00	Puget Sound

Project Description

Document the temporal and spatial distribution of juvenile salmonids in north Hood Canal tidal creeks, lagoons, and distributary channels using seines, dip nets, and minnow traps to sample in shallow-water environments. Captured fish will be identified to species, counted, examined for marks, and the first 20 individuals of each species will be measured (FL, fork length) and weighed. Length and weight data will allow comparison with both in-river and smolt trap-caught populations from the Hamma Hamma River, as well as fish populations seined from the open-water estuarine environments of the mid-Northern Hood Canal.

Project Ref	Grantee	Subgrantee	Project Name	State
100001	NWIFC	Makah Tribe	Lake Ozette sockeye population monitoring	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$165,589.00	\$0.00	Washington Coastal

Project Description

Tasks involved in meeting the Lake Ozette sockeye population monitoring project goals identified in the Lake Ozette Sockeye Hatchery and Genetics Monitoring Plan (HGMP) include: A) Lake Ozette Sockeye Smolt Trapping in the Ozette River, B) Lake Ozette Sockeye Adult Run Size Estimation at the Ozette River weir, C) Adult Sockeye Lake Hydroacoustic Abundance Surveys, D) Umbrella Creek Adult Sockeye Escapement (Weir tagging/recovery), and E) Sockeye/kokanee spawner surveys, otoliths and genetic sampling and analyses (Lake and tributaries of the Ozette basin).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100007	NWIFC	Hoh Tribe, NOAA Fisheries	Large Wood and Coarse Sediment Storage in Headwater Streams, Ph	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$50,000.00	\$0.00	Washington Coastal

Project Description

Phase III project objectives are to 1) Describe and document the role of large riparian trees in the storage of coarse sediments in headwater streams, and 2) Investigate the role of large riparian standing trees in mitigating the negative impacts of catastrophic landslides in the channels of headwater streams. Objectives will be achieved through field data collection and data analysis, as well as production of a final report and publication. Phase III is a continuation of work begun in FY 2001. The emphasis for this phase will be on data analysis and production of a summary data report.

Project Ref	Grantee	Subgrantee	Project Name	State
100200	NWIFC		Lower Hoh CMZ Study	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Research, Monitoring, and Evaluation	\$20,000.00	\$0.00	Washington Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
100020	NWIFC	Lummi Indian Nation, National Marine Fisheries	Lummi Nation Chinook Salmon Recovery Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$417,500.00	\$0.00	Puget Sound

Project Description

Policy and technical coordination of Lummi Salmon Recovery activities; Development of a WRIA 1 GIS linked attribute database with initial emphasis on the North Fork and South Fork of the Nooksack River; Monitoring and evaluation of fisheries management and evaluation plans and Hatchery Genetic and Management Plans (HGMP).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100011	NWIFC	Hoh Tribe, National Marine Fisheries Service	Mature Forests and Landslide Recovery- A Pilot Study	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$30,300.00	\$0.00	Washington Coastal

Project Description
Development of a methodology and sample design for analysis of the differences in recovery of landslide areas between mature forests and second-growth forests. The study will address whether forest stand conditions on landslides entering rivers have a significant effect on aquatic habitat condition, water quality, the time scale of impacts, and the rate of forest recovery on the failed hill slope. The results of the investigation will allow a scientific assessment of stream buffer guidelines in areas susceptible to mass wasting delivery to riverine environments. The area of study for the pilot project is unmanaged and second growth forested sites in Olympic National Park in the Hoh River watershed and the Queets River watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
100148	NWIFC	NOAA Fisheries, Stillaguamish Tribe	Monitor Recently Completed Habitat Restoration Projects	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Research, Monitoring, and Evaluation	\$117,008.00	\$0.00	Puget Sound

Project Description
Monitor recently-completed habitat restoration projects in the Stillaguamish basin. Collect information for inclusion in a basin GIS and database of basin habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
100018	NWIFC	Lower Elwha Klallam Tribe, National Marine	Monitoring Salmon Fisheries and Populations	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$158,137.00	\$0.00	Puget Sound

Project Description
Provide accountability and understanding of population dynamics.

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Project Ref	Grantee	Subgrantee	Project Name	State
100121	NWIFC	Mike Hagen Forestry Consulting, NOAA Fish	Olympic Peninsula Tribal Riparian Forest Reference Site Study	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-02 -	Salmon Research, Monitoring, and Evaluation	\$5,597.00	\$0.00	Puget Sound

Project Description

Characterize riparian forest conditions on the Olympic Peninsula. Measures to characterize riparian forest stands, landform, and down wood will be included. These measures will help in the evaluation of impacted areas. Participating in this project are the Port Gamble S'Klallam, Jamestown S'Klallam, Lower Elwha, Makah, Hoh, and Skokomish tribes. The project is intended to provide data for Washington State private forest land management done through the Forest and Fish Agreement. Downed wood in streams is important for stream functions. This project will provide data on streams within old-growth stands in order to provide baseline conditions for comparing impacted areas. This project is a continuation of the work begun under Skokomish Tribe PCSRF Project Proposal # 9 from fiscal year 2001.

Project Ref	Grantee	Subgrantee	Project Name	State
100032	NWIFC	National Marine Fisheries Service, Port Gam	Otolith and DNA Analyses for Summer Chum in mid-Hood Canal Rivers	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$40,000.00	\$0.00	Puget Sound

Project Description

Obtain DNA samples (100-200) and otoliths (200-300) from summer chum collected in the Dosewallips, Duckabush, and Big Quilcene Rivers. Adult summer chum will be sampled during spawning surveys undertaken in the fall 2002. DNA samples and other biological data will be collected from returning adults. The origin of specimens will be determined by looking for temperature coding marks on the fish's otolith. Summer chum spawning surveys will occur one day per week from mid-August through mid-October. The results of the DNA analysis will help shape supplementation strategies by determining smolt production levels and straying effects of hatchery released fish (wild-hatchery interactions).

Project Ref	Grantee	Subgrantee	Project Name	State
100199	NWIFC		Riparian Reference Condition Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Research, Monitoring, and Evaluation	\$2,000.00	\$0.00	Washington Coastal

Project Description

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Project Ref	Grantee	Subgrantee	Project Name	State
100024	NWIFC	National Marine Fisheries Service, Port Gam	Salmon Spawning Escapement Surveys in North Hood Canal Streams	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-AUG-02 -	Salmon Research, Monitoring, and Evaluation	\$45,000.00	\$0.00	Middle Columbia

Project Description
Count live or dead adult salmon and redds (including early return-timing summer chum) on 12 streams in North Hood Canal to compare with prior years index counts. Collect scale samples and length data to provide data on age composition of the returning salmon and an estimate of wild versus hatchery origin adults.

Project Ref	Grantee	Subgrantee	Project Name	State
100031	NWIFC	Hood Canal Salmon Enhancement Group, Lo	Salmonid Smolt Collection on the Mainstem of a mid-Hood Canal River (WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	28-JAN-02 -	Salmon Research, Monitoring, and Evaluation	\$35,000.00	\$0.00	Puget Sound

Project Description
Provide long-term estimates of abundance, age, size, and migratory timing of salmonid smolts from a west-side mid-Hood Canal River (Hamma Hamma River). A collaborative effort is currently underway to obtain high quality data for the Hamma Hamma River initially, and perhaps extend the study to additional sites in the future. The Port Gamble S'Klallam Tribe will contribute personnel to sample the trap one day per week from January through July and will analyze the results and prepare an annual report. The trap will be operated seven days per week, 24-hrs per day. All fish will be identified and counted. Fork length and weight will be measured for the first 20 individuals of each species. A series of experiments will be undertaken to estimate trap efficiency and permit expansion of smolt catch to the entire system. The tribe proposes to use groups of any captured in the smolt trap to calibrate catch per unit effort (CPUE). Summer chum groups of 500 supplementation program summer chum fry will be marked and released upstream of the screw trap. Marked chum will be spread evenly across the river at the release point to allow natural distribution of chum prior to passing the location of the screw trap. Once the initial group has cleared the river, an additional group of 500 marked summer chum will be released; this process will be repeated with as many groups of 500-summer chum as feasible without delaying the planned release timing of the supplementation summer chum. The group will continue to measure trapping efficiency by using naturally produced fish captured in the screw trap, marked, and released upstream. Trapping efficiency will be measured for chinook using the same procedure, and groups of 500-marked supplementation chinook fry. Standard statistical techniques will be used to develop confidence intervals around the catch. Freshwater survival will be estimated using a combination of the juvenile estimates and adult salmon escapement estimates for the appropriate brood year.

Project Ref	Grantee	Subgrantee	Project Name	State
100193	NWIFC	NOAA Fisheries, National Marine Fisheries S	Skagit Wild Chinook Limiting Factors Model Data Inputs	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$255,117.00	\$0.00	Puget Sound

Project Description
Provide inputs to a life cycle model for wild Skagit Chinook to evaluate and monitor recovery actions. Data collection (and revisions to improve the model) have been on-going since 1995.

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Project Ref	Grantee	Subgrantee	Project Name	State	
100136	NWIFC	NOAA Fisheries, Skokomish Tribe	Smolt Trapping of Skokomish Restoration Sites	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-MAR-03 -	Salmon Research, Monitoring, and Evaluation	\$28,238.00	\$0.00	Puget Sound

Project Description

Traps installed where access to wetlands was restored by breaching dikes. Fish movements into/out of the wetlands areas to be monitored.

Project Ref	Grantee	Subgrantee	Project Name	State	
100111	NWIFC	National Oceanic and Atmospheric Administr	Tulalip Juvenile Fish Trapping Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Research, Monitoring, and Evaluation	\$71,931.00	\$0.00	Puget Sound

Project Description

To obtain production and survival estimates, a rotary screw fish trap will be installed at a location within the lower Skykomish River. The trap will be operated from February through June, during the juvenile outmigration period. The trap will be fished five days a week, principally at night for 12 hour periods. Fish will be counted daily at the traps. Each fish will be examined for marks (both adipose clips and temporary ink marks applied as part of this project). A random sample of the catch each day will be measured. Juvenile abundance will be estimated using mark and recapture methods and freshwater survival will be estimated using a combination of juvenile abundance information and Washington Department of Fish and Wildlife's escapement information.

Project Ref	Grantee	Subgrantee	Project Name	State	
100108	NWIFC	National Oceanic and Atmospheric Administr	Tulalip Reservation Water Quality Monitoring	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Research, Monitoring, and Evaluation	\$76,722.00	\$0.00	Puget Sound

Project Description

The Tulalip Tribe is conducting a water quality research and monitoring study of Tulalip, Battle, and Quilceda Creeks. The monitoring program covers the portions of the systems which are within the Tulalip Reservation boundaries. If any potential problems are identified, the tribes will try to identify the source and work with the appropriate landowners to try and solve the problems. Most of the samples will be processed by the Tulalip Water Quality Lab, however, some of the samples will be processed at a commercial lab to check for pollutants which the Tulalip Lab is not set up to check for and to periodically compare with samples processed at Tulalip as an accuracy check. The Tulalip Tribes monitored water quality at twenty-three sites throughout the Tulalip Reservation, including sites in Tulalip Creek, Battle Creek, Quilceda Creek, and Tulalip Bay. Monitoring was conducted on a monthly basis and as randomly as possible.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100068	NWIFC	NOAA Fisheries, Quileute Tribe	Assesment of Salmonid Populations in the Quillayute River System	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$282,500.00	\$0.00	Washington Coastal

Project Description

Under this project, the tribe will commence a smolt trapping program for the Quillayute system that will improve the accuracy of run size predictions. The tribe will monitor smolt traps set in the tributaries of the four major rivers of the Quillayute River System (Dickey, Sol Duc, Calawah, and Bogachiel) in the spring of 2002. Representative sites will be selected from current year GIS habitat data and redd count numbers. Spawner surveys for coho, Chinook, steelhead, and sockeye will occur between Sept. 2001 and June 2002. In addition, water quality parameters will be measured within the selected tributaries, including temperature, dissolved oxygen, PH, flow, and alkalinity. Finally, software and plotter purchases will be necessary for conducting the spatial analysis and producing maps for field work, both during site selection, and for data management following the surveys.

Project Ref	Grantee	Subgrantee	Project Name	State
100165	NWIFC	NOAA Fisheries, Suquamish Tribe	Central Puget Sound Salmon Research and Monitoring	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Research, Monitoring, and Evaluation	\$88,677.00	\$0.00	Puget Sound

Project Description

1) Increase sampling of Chinook caught in area 10E fishery; 2) Improve escapement estimates to streams; 3) Age fish caught in fishery for brood year survival estimates; 4) Develop recovery exploitation rates for Chinook salmon; 5) Implement Puget Sound Chinook Resource Management Plan;

Project Ref	Grantee	Subgrantee	Project Name	State
100069	NWIFC	Hoh Tribe, Jamestown S'Klallam Tribe, Lowe	Desired Future Conditions: Mature and Old Riparian Forest Reference	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 30-DEC-02	Salmon Research, Monitoring, and Evaluation	\$10,000.00	\$0.00	Washington Coastal

Project Description

The purpose of this project is to collect sufficient data to establish reference conditions for mature to old riparian forest stands in different ecotones on the Olympic Peninsula and to establish Desired Future Condition (DFC) guidelines for mature to old stands. An additional objective is to determine whether the current DFC model and metrics used to describe "desired future conditions" are appropriate for the Olympic Peninsula. This phase of the project involved development of a conceptual framework and theoretical basis for the study through collaborative efforts and literature review, as well as development of study methods, field sampling and data management strategies. Old growth riparian stands (8) were inventoried in the Hoh Tribal U&A. The age requirement for old growth was 140 years old. Reconnaissance was done by walking through each stand making visual estimates of species composition, age and disturbance regime, as well as valley form, slope, channel migration zone or floodplain width and total area of the identified timber type. The sites were sketched on aerial photos and DNR stream type maps. Inventory data is being recorded on Excel spreadsheets and will be usable for further modeling.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100101	NWIFC	National Oceanic and Atmospheric Administr	Development of Chinook and Coho Salmon Recovery Strategies for th	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Research, Monitoring, and Evaluation	\$203,454.36	\$0.00	Puget Sound

Project Description
Recovery plans will include historical resource status; current resource status; recovery goals expressed in terms of abundance, productivity, and diversity; harvest management, artificial production, and habitat actions needed to achieve the goals; and a monitoring and evaluation program to measure progress towards the goals and to allow for adaptive management as more is learned.

Project Ref	Grantee	Subgrantee	Project Name	State
100115	NWIFC	NOAA Fisheries, Skokomish Tribe	Expansion of Monitoring and Sampling of Hood Canal Tribal Commercia	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$32,600.00	\$0.00	Puget Sound

Project Description
Increase sampling effort to better determine pre-season forecasts of run sizes and stock composition. Determine in-season commercial catch allocations, run size updates, and other management tools for commercial fisheries management. Collect biological information and additional coded-wire tagged fishes to improve evaluations of stock composition in the catches. The target sampling rate is 20% of the fishes captured.

Project Ref	Grantee	Subgrantee	Project Name	State
100048	NWIFC	Hoh Tribe, NOAA Fisheries	Groundwater and Heat Transport in the Hoh River Watershed: A pilot	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$71,359.00	\$0.00	Washington Coastal

Project Description
This project is part II of a phased project to examine the response of groundwater heat transport to management practices. The study investigates the potential for heated groundwater to be transported to fishbearing streams where it may impact salmonids and their food web by raising stream temperatures. Phase II consists of the second year of data collection, including the instrumentation of sites by installing wells along transects instrumented with continuous recording pressure transducers (for subsurface water levels) and temperature probes. Soil moisture and temperature and streambed seepage are being measured on a semi-monthly schedule. Products of the project include analysis of the data and a bibliography and literature review. Phase 1 (FY 2001) developed monitoring methods and identification of potential sampling sites in the Hoh River watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100163	NWIFC	NOAA Fisheries, Suquamish Tribe	Grovers Creek Coho Recovery Monitoring	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Research, Monitoring, and Evaluation	\$7,515.00	\$0.00	Puget Sound

Project Description
 Continue evaluation and monitoring program to measure the response of a reintroduced coho salmon population to future habitat restoration activities in the Grovers Creek (Port Madison Indian Reservation) watershed. Investigate interaction with strays from nearby sea-pen salmon production operations.

Project Ref	Grantee	Subgrantee	Project Name	State
100049	NWIFC	Hoh Tribe, NOAA Fisheries, Timber, Fish and	Hoh Basin Perennial Initiation Point Survey Project, Phase I	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-SEP-01 -	Salmon Research, Monitoring, and Evaluation	\$12,500.00	\$0.00	Washington Coastal

Project Description
 This project investigates the distribution of perennial and seasonal streams in mature and managed forested sub-basins in the Hoh River Watershed. First year surveys (2001) must be replicated in 2002 to evaluate if the zones of perennial flow change from year to year. Data collection will be conducted according to the CMER Perennial Stream Survey Field Sample Protocol (version 1.21). The project supports adaptive management related to water typing in headwater streams.

Project Ref	Grantee	Subgrantee	Project Name	State
100203	NWIFC		Hoh River Watershed Monitoring Program	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$20,000.00	\$0.00	Washington Coastal

Project Description

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100191	NWIFC	NOAA Fisheries, Skagit Chinook WorkGroup,	Implementation and Monitoring of Skagit Chinook Recovery Goals	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$117,468.00	\$0.00	Puget Sound

Project Description

Recovery goals for chinook are intended to approximate the abundance, productivity, and diversity of juveniles and adults under properly functioning conditions (PFC). Via test fishery surveys, this project estimates these levels for Skagit Chinook from on-going research and analysis of past data, and will complete a plan that specifies actions to achieve those levels. These data will set the benchmarks used to target salmon recovery actions. The plan will identify habitat, hatchery, and harvest actions and techniques that will optimize long-term recovery and utilization of the runs, and the test fishery will provide estimates of the timing, number of fish, age composition, and marine survival rate for each salmon run in the Skagit, which is necessary to develop optimal harvest strategies.

Project Ref	Grantee	Subgrantee	Project Name	State	
100066	NWIFC	NOAA Fisheries, Port Gamble S'Klallam Tribe	Juvenile Salmonid Utilization of Estuarine Habitat in the North Hood Can	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$36,797.00	\$0.00	Puget Sound

Project Description

The proposed study will provide information on the abundance and migratory timing of juvenile salmonids in nearshore areas of Hood Canal. Although primary focus is on ESA listed chinook and summer chum, information on all salmonids encountered will be noted. The researchers will look for functional relationships between habitat variables and juvenile salmon growth and survival on a seasonal basis. Nearshore areas will be sampled by replicate beach seine hauls deployed from a small boat at suitable shoreline sites. Basic biological data will be collected (scales, length, weight, presence of a mark) from a sub-sample of juvenile salmonids. Data will also be collected on habitat type including salinity, temperature, substrate type, and vegetation. The results of this study will provide insight on the comparative size, condition, and growth rates of juvenile salmon inhabiting nearshore, estuarine areas. Additionally, basic information will be collected on early estuarine residence time, distribution, and abundance of juvenile salmon in Hood Canal. A comparison will be made between growth and differences in timing (temporal and spatial) between natural and hatchery salmon.

Project Ref	Grantee	Subgrantee	Project Name	State	
100119	NWIFC	NOAA Fisheries, Skokomish Tribe	Juvenile Salmonid Utilization of Recovering Habitat in the Skokomish Es	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-FEB-02 -	Salmon Research, Monitoring, and Evaluation	\$23,775.00	\$0.00	Puget Sound

Project Description

Evaluate the habitat (tidal effects, temperature, vegetation), and its use by salmonids, of a former farm field that is reverting to estuarine habitat after failure of a dike in 1995. Monitor the recovery of salt-tolerant plants to the estuary. This project will document an instance of recovery, and provide information for planning similar projects. This project provides an opportunity to perform a natural experiment, taking advantage of a restoration event that occurred without human intervention.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100063	NWIFC	Dr. Tom Doty, NOAA Fisheries, North Olympi	Juvenile Salmonid Utilization of Tidal Creeks in North Hood Canal	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$88,514.00	\$0.00	Puget Sound

Project Description
Document the temporal and spatial distribution of juvenile salmonids in north Hood Canal tidal creeks, lagoons, and distributary channels using seines, dip nets, and minnow traps to sample in shallow-water environments. Captured fish will be identified to species, counted, examined for marks, and the first 20 individuals of each species will be measured (FL, fork length) and weighed.

Project Ref	Grantee	Subgrantee	Project Name	State
100045	NWIFC	Makah Tribe, NOAA Fisheries	Lake Ozette Sockeye Recovery	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$248,812.00	\$0.00	Washington Coastal

Project Description
Tasks involved in meeting the Lake Ozette sockeye population monitoring project goals identified in the Lake Ozette Sockeye Hatchery and Genetics Monitoring Plan (HGMP) include: A) Lake Ozette Sockeye Smolt Trapping in the Ozette River, B) Lake Ozette Sockeye Adult Run Size Estimation at the Ozette River weir, C) Adult Sockeye Lake Hydroacoustic Abundance Surveys, D) Umbrella Creek Adult Sockeye Escapement (Weir tagging/recovery), and E) Sockeye/kokanee spawner surveys, otolith and genetic sampling and analyses (Lake and tributaries of the Ozette basin).

Project Ref	Grantee	Subgrantee	Project Name	State
100204	NWIFC		Landslide Study Hoh 2001 Program Coordination	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$35,000.00	\$0.00	Washington Coastal

Project Description

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100047	NWIFC	10,000 Years Institute, Hoh Tribe, NOAA Fis	Large Wood and Coarse Sediment Storage in Headwater Streams, Ph	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$39,986.00	\$0.00	Washington Coastal

Project Description

Phase II project objectives are to 1) Describe and document the role of large riparian trees in the storage of coarse sediments in headwater streams, and 2) Investigate the role of large riparian standing trees in mitigating the negative impacts of catastrophic landslides in the channels of headwater streams. Objectives will be achieved through field data collection and data analysis, as well as production of a final report and publication.

Project Ref	Grantee	Subgrantee	Project Name	State
100058	NWIFC	Lummi Indian Nation, NOAA Fisheries	Lummi Nation Chinook Salmon Recovery Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$282,500.00	\$0.00	Puget Sound

Project Description

Policy and technical coordination of Lummi Salmon Recovery activities; Development of a WRIA 1 GIS linked attribute database with initial emphasis on the North Fork and South Fork of the Nooksack River; Monitoring and evaluation of fisheries management and evaluation plans and Hatchery Genetic and Management Plans (HGMP). Chinook released by Lummi from the lower river and the Lummi Bay sea ponds will be coded wore tagged to monitor contributions to fisheries and investigate stray rates. Existing information will be reviewed to identify an acceptable RER to account for treaty fisheries without impeding recovery of stocks. A sampling program will be established to investigate basic life history information and co-occurrence of hatchery and natural origin juveniles and adults with the objective of filling existing data gaps and identifying potential interactions between hatchery and natural origin chinook and coho.

Project Ref	Grantee	Subgrantee	Project Name	State
100056	NWIFC	Lower Elwha Klallam Tribe, NOAA Fisheries	Monitoring Salmon Fisheries and Populations	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$86,142.00	\$0.00	Puget Sound

Project Description

Provide accountability and understanding of population dynamics. The Tribe will participate in a U&A-wide coordinated harvest monitoring program, and will independently implement spawning surveys and smolt trapping efforts in selected streams in Strait of Juan de Fuca streams. Harvest monitoring and spawning ground surveys and smolt trapping will also occur.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100120	NWIFC	Mike Hagen Forestry Consulting, NOAA Fish	Olympic Peninsula Tribal Riparian Forest Reference Site Study	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-02 -	Salmon Research, Monitoring, and Evaluation	\$18,929.00	\$0.00	Puget Sound

Project Description

Characterize riparian forest conditions on the Olympic Peninsula. Measures to characterize riparian forest stands, landform, and down wood will be included. These measures will help in the evaluation of impacted areas. Participating in this project are the Port Gamble S'Klallam, Jamestown S'Klallam, Lower Elwha, Makah, Hoh, and Skokomish tribes. The project is intended to provide data for Washington State private forest land management done through the Forest and Fish Agreement. Downed wood in streams is important for stream functions. This project will provide data on streams within old-growth stands in order to provide baseline conditions for comparing impacted areas.

Project Ref	Grantee	Subgrantee	Project Name	State	
100062	NWIFC	NOAA Fisheries, Port Gamble S'Klallam Tribe	Salmon Spawning Escapement Surveys in the Dosewallips River Basin	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$36,797.00	\$0.00	Puget Sound

Project Description

Count live or dead adult salmon and redds (including early return-timing summer chum) on streams in North Hood Canal to compare with prior years index counts. Collect scale samples and length data to provide data on age composition of the returning salmon and an estimate of wild versus hatchery origin adults.

Project Ref	Grantee	Subgrantee	Project Name	State	
100065	NWIFC	NOAA Fisheries, Port Gamble S'Klallam Tribe	Salmonid Smolt Collection on the Mainstem of the Dosewallips River	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$36,797.00	\$0.00	Puget Sound

Project Description

Provide long-term estimates of abundance, age, size, and migratory timing of salmonid smolts for the Dosewallips River. The Port Gamble S'Klallam Tribe will install a rotary screw trap in the lower Dosewallips River near the Highway 101 bridge. The trap will be operated annually from March through July for 3 days per week. All fish will be identified and counted. Fork length and weight will be measured for the first 20 individuals of each species. A series of experiments will be undertaken to estimate trap efficiency and permit expansion of smolt catch to the entire system. The tribe proposes to use groups of fry captured in the smolt trap to calibrate catch per unit effort (CPUE). Freshwater survival will be estimated using a combination of the juvenile estimates and adult salmon escapement estimates for the appropriate brood year.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100194	NWIFC	NOAA Fisheries, National Marine Fisheries S	Skagit Wild Chinook Limiting Factors Model Data Inputs	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$145,467.00	\$0.00	Puget Sound

Project Description

Provide inputs to a life cycle model for wild Skagit Chinook to evaluate and monitor recovery actions. Data collection (and revisions to improve the model) have been on-going since 1995.

Project Ref	Grantee	Subgrantee	Project Name	State
100134	NWIFC	NOAA Fisheries, National Park Service, Skok	Skokomish River, Upper Tahuya River, and Big Mission Creek Salmonid	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-MAR-02 -	Salmon Research, Monitoring, and Evaluation	\$34,178.00	\$0.00	Puget Sound

Project Description

Continue spawning ground surveys in several streams. Surveys done in conjunction with WDFW, USDA Forest Service, and National Park Service, and expand the level of monitoring possible. Conduct spawning surveys weekly to bi-weekly. Numbers of live and dead salmon, and salmon redds, are determined; dead fishes are examined for marks and tags, and scales are taken for age analysis. Bull trout densities are determined using direct observation (snorkel counts). This work provides valuable information for land management and salmon harvest management.

Project Ref	Grantee	Subgrantee	Project Name	State
100135	NWIFC	NOAA Fisheries, Skokomish Tribe	Smolt Trapping of Skokomish Restoration Sites	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-MAR-02 -	Salmon Research, Monitoring, and Evaluation	\$41,668.00	\$0.00	Puget Sound

Project Description

Traps installed where access to wetlands was restored by breaching dikes. Fish movements into/out of the wetlands areas to be monitored.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100110	NWIFC	National Oceanic and Atmospheric Administr	Tulalip Juvenile Fish Trapping Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Research, Monitoring, and Evaluation	\$23,584.07	\$0.00	Puget Sound

Project Description

To obtain production and survival estimates, a rotary screw fish trap will be installed at a location within the lower Skykomish River. The trap will be operated from February through June, during the juvenile outmigration period. The trap will be fished five days a week, principally at night for 12 hour periods. Fish will be counted daily at the traps. Each fish will be examined for marks (both adipose clips and temporary ink marks applied as part of this project). A random sample of the catch each day will be measured. Juvenile abundance will be estimated using mark and recapture methods and freshwater survival will be estimated using a combination of juvenile abundance information and Washington Department of Fish and Wildlife's escapement information.

Project Ref	Grantee	Subgrantee	Project Name	State	
100107	NWIFC	National Oceanic and Atmospheric Administr	Tulalip Reservation Water Quality Monitoring	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 -	Salmon Research, Monitoring, and Evaluation	\$23,766.67	\$0.00	Puget Sound

Project Description

The Tulalip Tribe is conducting a water quality research and monitoring study of Tulalip, Battle, and Quilceda Creeks. The monitoring program covers the portions of the systems which are within the Tulalip Reservation boundaries. If any potential problems are identified, the tribes will try to identify the source and work with the appropriate landowners to try and solve the problems. Most of the samples will be processed by the Tulalip Water Quality Lab, however, some of the samples will be processed at a commercial lab to check for pollutants which the Tulalip Lab is not set up to check for and to periodically compare with samples processed at Tulalip as an accuracy check. The Tulalip Tribes monitored water quality at twenty-three sites throughout the Tulalip Reservation, including sites in Tulalip Creek, Battle Creek, Quilceda Creek, and Tulalip Bay. Monitoring was conducted on a monthly basis and as randomly as possible.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100092	NWIFC	Hoh Tribe, Jamestown S'Klallam Tribe, Lowe	Desired Future Conditions: Mature and Old Riparian Forest Reference	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Salmon Research, Monitoring, and Evaluation	\$10,000.00	\$0.00	Washington Coastal

Project Description

The purpose of this project is to collect sufficient data to establish reference conditions for mature to old riparian forest stands in different ecotones on the Olympic Peninsula and to establish Desired Future Condition (DFC) guidelines for mature to old stands. An additional objective is to determine whether the current DFC model and metrics used to describe "desired future conditions" are appropriate for the Olympic Peninsula. This phase of the project involved development of a conceptual framework and theoretical basis for the study through collaborative efforts and literature review, as well as development of study methods, field sampling and data management strategies. Old growth riparian stands (8) were inventoried in the Hoh Tribal U&A. The age requirement for old growth was 140 years old. Reconnaissance was done by walking through each stand making visual estimates of species composition, age and disturbance regime, as well as valley form, slope, channel migration zone or floodplain width and total area of the identified timber type. The sites were sketched on aerial photos and DNR stream type maps. Inventory data is being recorded on Excel spreadsheets and will be usable for further modeling.

Project Ref	Grantee	Subgrantee	Project Name	State	
100100	NWIFC	National Oceanic and Atmospheric Administr	Development of Chinook and Coho Salmon Recovery Strategies for th	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 -	Salmon Research, Monitoring, and Evaluation	\$52,472.00	\$0.00	Puget Sound

Project Description

Recovery plans will include historical resource status; current resource status; recovery goals expressed in terms of abundance, productivity, and diversity; harvest management, artificial production, and habitat actions needed to achieve the goals; and a monitoring and evaluation program to measure progress towards the goals and to allow for adaptive management as more is learned.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100078	NWIFC	Dr. Patricia Olson, Hoh Tribe, NOAA Fisheries	Groundwater and Heat Transport in the Hoh River Watershed: A pilot	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Salmon Research, Monitoring, and Evaluation	\$102,400.00	\$0.00	Washington Coastal

Project Description

This project is part I of a phased project to examine the response of groundwater heat transport to management practices. Phase 1 (FY 2001) developed monitoring methods and identification of potential sampling sites in the Hoh River watershed to investigate the potential for heated groundwater to be transported to fishbearing streams where it may impact salmonids and their food web by raising stream temperatures. This phase also includes conducting a Forward Looking Infrared Flight (FLIR) over the Hoh River from the mouth to River Mile 36 on the mainstem and RM 10 on the South Fork. Cold groundwater recharge area data from the flight will be used to further develop and understand proposed temperature criteria and specific life history utilization of specific habitats by different fish species (coho, chinook, steelhead, and bull trout) within the river system. The Tribe proposes installing instruments in selected basins.

Project Ref	Grantee	Subgrantee	Project Name	State	
100151	NWIFC	NOAA Fisheries, Suquamish Tribe	Grovers Creek Salmon Research Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 -	Salmon Research, Monitoring, and Evaluation	\$6,983.00	\$0.00	Puget Sound

Project Description

Begin a long-term evaluation and monitoring program to measure the response of a reintroduced coho salmon population to future habitat restoration activities in the Grovers Creek (Port Madison Indian Reservation) watershed. Investigate interaction with strays from nearby sea-pen coho production operation.

Project Ref	Grantee	Subgrantee	Project Name	State	
100090	NWIFC	NOAA Fisheries, Quileute Tribe	Habitat and Stock Assessment in Lake Creek	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-00 -	Salmon Research, Monitoring, and Evaluation	\$235,000.00	\$0.00	Puget Sound

Project Description

This project is a continuation of long-term salmon management planning efforts to assess stock health and habitat conditions within the Quileute Tribal U&A. Lake Creek is considered one of the most productive streams in the Quileute Treaty area, which is undergoing pressure from development that adversely impacts fish habitat. The Tribe is developing corrective measures to increase habitat quality and quantity with the use of escapement data collected from the Lake Creek spawner surveys. Data will also be used to keep habitat condition records up to date and aid in determining limiting factors, as well as to protect against overharvest. Upon completion, data were analyzed from spawner surveys, habitat surveys, stream characteristic measurements, road surveys for culverts and crossdrains, assessment of fish passability (culverts), assessment of crossdrains for sediment delivery, and wetland inventories. Maps were also constructed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100093	NWIFC	Cooke Scientific Services, Hoh Tribe, NOAA	Hoh Basin Tree Growth Rate Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Salmon Research, Monitoring, and Evaluation	\$14,009.00	\$0.00	Washington Coastal

Project Description

The project proposes to address sustainability and function of forested wetlands by measuring tree growth rates across a forested river basin through different types of soil and hydrologic regimes. Multiple transects will be installed across the Hoh Basin from Willoughby Ridge on the north side of the river to Huelsdonk Ridge on the south side. Plots will be established along the transects in which data will be collected on tree species, height, DBH and age; degree of soil saturation, and soil type associated with the rooting zone of each tree; and hydrogeomorphic position of the wetland on the landscape. Tables documenting the data will be developed and made available in a report.

Project Ref	Grantee	Subgrantee	Project Name	State
100077	NWIFC	10,000 Years Institute, Hoh Tribe, NOAA Fis	Large Wood and Coarse Sediment Storage in Headwater Streams	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Salmon Research, Monitoring, and Evaluation	\$43,090.00	\$0.00	Washington Coastal

Project Description

This project was initially named "Big Wood and Coarse Sediment Storage". Project objectives are to 1) Describe and document the role of large riparian trees in the storage of coarse sediments in headwater streams, and 2) Investigate the role of large riparian standing trees in mitigating the negative impacts of catastrophic landslides in the channels of headwater streams. Objectives will be achieved through field data collection and data analysis, as well as production of a final report and publication.

Project Ref	Grantee	Subgrantee	Project Name	State
100083	NWIFC	Lower Elwha Klallam Tribe, NOAA Fisheries,	Monitoring Salmon Fisheries and Populations	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Salmon Research, Monitoring, and Evaluation	\$68,700.00	\$0.00	Puget Sound

Project Description

Provide accountability and understanding of population dynamics. The Tribe will cooperatively participate in a U and A-wide coordinated harvest monitoring program, and will independently implement spawning surveys and smolt trapping efforts in selected streams in the Strait of Juan de Fuca. Spawning ground surveys and smolt trapping efforts are also planned.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100088	NWIFC	NOAA Fisheries, Nooksack Tribe	Nooksack Indian Tribe Coastal Salmon Initiative	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Salmon Research, Monitoring, and Evaluation	\$235,000.00	\$0.00	Puget Sound

Project Description

This project contains the first year of the Nooksack Tribes' Pacific Coastal Salmon Recovery projects. Elements include operation of the South Fork Nooksack rotary screw trap (live capture and release of emigrating salmonid juveniles) for collection of biological data such as DNA fin snips on fry and smolts and scale collections on smolts caught in the trap, which augment DNA, scale, otolith marking, and coded-wire tag data retrieved during spawn surveys. In addition to screw trap operations, a pilot project to characterize rearing use in the South Fork and lower 36 miles of the Nooksack River basin is in progress and will be complete by Fall of 2000.

Project Ref	Grantee	Subgrantee	Project Name	State
100091	NWIFC	Hood Canal Coor Council Inc, NOAA Fisherie	Port Gamble S'Klallam Tribe's Salmon Recovery Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-00 -	Salmon Research, Monitoring, and Evaluation	\$235,000.00	\$0.00	Middle Columbia

Project Description

Tribal biologists will participate in salmon recovery activities within the Tribe's U&A, including monitoring and planning efforts undertaken cooperatively and independently (Tribe only) within Hood Canal. Specified activities are 1) participation in salmon fisheries and populations monitoring for development of more effective catch and population monitoring procedures, 2) participation on a technical team to develop and implement a process for prioritization and selection of recovery projects proposed by the Hood Canal community, 3) provide technical support in the counties' review of land use management measures by participating in technical workgroups to address land use management concerns affecting the recovery of salmon, and 4) monitoring recovery projects to ensure they are implemented as planned and intended results are achieved.

Project Ref	Grantee	Subgrantee	Project Name	State
100192	NWIFC	NOAA Fisheries, Skagit System Cooperative	Skagit Chinook, Coho and Chum Run Composition Analysis	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-NOV-01	Salmon Research, Monitoring, and Evaluation	\$106,005.00	\$0.00	Puget Sound

Project Description

One day per week from May to November 2 technicians will test fish for a limited time period. All fish caught will be identified to species and sex, and they will be sampled for length, marks, scales, coded-wire tags, otoliths, and signs of mammal bites. These data will be analyzed and summarized by a computer technician.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100195	NWIFC	NOAA Fisheries, National Marine Fisheries S	Skagit Wild Chinook Limiting Factors Model Data Inputs	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$221,406.00	\$0.00	Puget Sound

Project Description

Provide inputs to a life cycle model for wild Skagit Chinook to evaluate and monitor recovery actions. Data collection (and revisions to improve the model) have been on-going since 1995.

Project Ref	Grantee	Subgrantee	Project Name	State
100113	NWIFC	NOAA Fisheries, Skokomish Tribe	Skokomish U&A Salmon Habitat Research Initiative	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 -	Salmon Research, Monitoring, and Evaluation	\$112,775.00	\$0.00	Puget Sound

Project Description

Complete four research projects. These are: 1) quantify juvenile outmigration for tributaries of the Skokomish River; 2) assess the impacts of mass marking and brood stocking; 3) assess estuarine habitat; and 4) assess effects of scour events on salmonid habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
100109	NWIFC	National Oceanic and Atmospheric Administr	Tulalip Juvenile Fish Trapping Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 -	Salmon Research, Monitoring, and Evaluation	\$59,130.00	\$0.00	Puget Sound

Project Description

To obtain production and survival estimates, a rotary screw fish trap will be installed at a location within the lower Skykomish River. The trap will be operated from February through June, during the juvenile outmigration period. The trap will be fished five days a week, principally at night for 12 hour periods. Fish will be counted daily at the traps. Each fish will be examined for marks (both adipose clips and temporary ink marks applied as part of this project). A random sample of the catch each day will be measured. Juvenile abundance will be estimated using mark and recapture methods and freshwater survival will be estimated using a combination of juvenile abundance information and Washington Department of Fish and Wildlife's escapement information.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
100106	NWIFC	National Oceanic and Atmospheric Administr	Tulalip Reservation Water Quality Monitoring	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 -	Salmon Research, Monitoring, and Evaluation	\$56,888.00	\$0.00	Puget Sound

Project Description

The Tulalip Tribe is conducting a water quality research and monitoring study of Tulalip, Battle, and Quilceda Creeks. The monitoring program covers the portions of the systems which are within the Tulalip Reservation boundaries. If any potential problems are identified, the tribes will try to identify the source and work with the appropriate landowners to try and solve the problems. Most of the samples will be processed by the Tulalip Water Quality Lab, however, some of the samples will be processed at a commercial lab to check for pollutants which the Tulalip Lab is not set up to check for and to periodically compare with samples processed at Tulalip as an accuracy check. The Tulalip Tribes monitored water quality at twenty-three sites throughout the Tulalip Reservation, including sites in Tulalip Creek, Battle Creek, Quilceda Creek, and Tulalip Bay. Monitoring was conducted on a monthly basis and as randomly as possible.

Project Ref	Grantee	Subgrantee	Project Name	State	
100010	NWIFC	Hoh Tribe, NOAA Fisheries	Channel Migration Processes Scientific Journal Paper	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Public Outreach and Education	\$20,000.00	\$0.00	Washington Coastal

Project Description

Collaborative effort bringing together scientists to write a peer-reviewed scientific white paper for publication that describes processes of channel migration affecting the movements of rivers in wood-rich PNW rivers. The paper will specifically address vertical channel migration processes, variability and consequential horizontal channel movement and will identify measurable indicators of channel migration zones (CMZs) for wood-rich channels of the PNW.

Project Ref	Grantee	Subgrantee	Project Name	State	
100144	NWIFC	NOAA Fisheries, Stillaguamish Tribe	Festival of the River	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Public Outreach and Education	\$62,529.00	\$0.00	Puget Sound

Project Description

Summer public education event to teach about restoration and sustainability of salmon resources in the Stillaguamish basin. Educational materials distributed and discussed address restoration activities in the basin, water quality, agricultural BMPs, salmon stock status, habitat requirements, and implications of proposed recovery guidelines.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100003	NWIFC	Makah Tribe, NOAA Fisheries	Makah U&A Salmon Habitat Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Public Outreach and Education	\$27,955.00	\$0.00	Washington Coastal

Project Description
Project consists of planned and opportunistic supplementation of salmon recovery efforts in the Makah U&A through instream habitat improvements, riparian restoration, and barrier removal.

Project Ref	Grantee	Subgrantee	Project Name	State
100124	NWIFC	NOAA Fisheries, Skokomish Tribe	Skokomish Fisheries Enforcement Program	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Public Outreach and Education	\$75,382.00	\$0.00	Puget Sound

Project Description
This project will provide a full-time enforcement officer for the Skokomish Tribe. The officer will enforce tribal fishing regulations such as area closures, gear restrictions, and release requirements in Hood Canal and streams feeding it, including on the Skokomish Reservation. The officer will also enforce land-use regulations on the Skokomish Reservation.

Project Ref	Grantee	Subgrantee	Project Name	State
100050	NWIFC	Hoh Tribe, NOAA Fisheries, National Marine	Channel Migration Zone (Definition Workshop)	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Public Outreach and Education	\$16,700.00	\$0.00	Washington - Statewide

Project Description
Collaborative effort bringing together scientists to participate in a 3-day workshop in February 2002 to 1) explore the types and controls to channel migration and how they are affected by natural and human-induced disturbance; and 2) develop practical definitions for the channel migration zone and methods to delineate CMZs on the ground. The objective of the proposed work is to describe the nature, style, and controls to river and stream channel movement, and implications for aquatic habitat and recovery. Following the workshop, collaborators will write a peer-reviewed scientific white paper that describes processes of channel migration affecting the movements of rivers and will identify measurable indicators of channel migration zones (CMZs) for wood-rich channels in the PNW.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
100072	NWIFC	Muckleshoot Tribe, NOAA Fisheries	Watershed Coordination within the Muckleshoot U&A	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Public Outreach and Education	\$141,250.00	\$0.00	Lower Columbia

Project Description
 The Senior Watershed Coordinator will track and review salmon recovery activities within the Tribe's U&A, as well as provide technical input. The technical input is intended to contribute to ESA salmon recovery and to provide sufficient harvestable fish to satisfy tribal needs.

Project Ref	Grantee	Subgrantee	Project Name	State
NWIFC Admin-4	NWIFC		Pacific Coast Salmon Recovery Fund Program Coordination and Admin	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Program Administration	\$500,000.00	\$0.00	Washington - Statewide

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
NWIFC Admin-3	NWIFC		Pacific Coast Salmon Recovery Fund Program Coordination and Admin	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Program Administration	\$650,000.00	\$0.00	Washington - Statewide

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
NWIFC Admin-2	NWIFC		Pacific Coast Salmon Recovery Fund Program Coordination and Admin	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Program Administration	\$350,000.00	\$0.00	Washington - Statewide

Project Description

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
NWIFC Admin-1	NWIFC		Pacific Coast Salmon Recovery Fund Program Coordination and Admin	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	-	Program Administration	\$300,000.00	\$0.00	Washington - Statewide

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
HVTFOR-03-702	KRITFWC		Decommissioning of Forest Road 702 G/H	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-04 -	Salmon Habitat Protection and Restoration	\$51,000.00	\$0.00	Klamath

Project Description

The project will drain old road excavations and restore natural stream channels at four old road crossings. The old roads were poorly designed and maintained, causing unnatural flows that produce sediment in the Pine Creek watershed, affecting Coho spawning habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
HVPUD-03-VWI	KRITFWC		Valley-Wide Irrigation System	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$11,000.00	\$0.00	Klamath

Project Description

HVPUD is installing a mainstem Trinity River diversion to supply domestic and irrigation water to Hoopa Valley Indian Reservation residents. This involves the acquisition of easements to lay mainlines and laterals for the Valley Wide Irrigation System. This project is designed to alleviate water usage from six reservation tributaries, which are now diverted for domestic and irrigation needs. The affected streams are inhabited by SONCC ESU Coho Salmon, Chinook salmon, and Klamath Mountain Province steelhead trout.

Project Ref	Grantee	Subgrantee	Project Name	State	
HVTFOR649-040	KRITFWC		Hostler/Oil Springs Bridge Installation	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-01 -	Salmon Habitat Protection and Restoration	\$23,000.00	\$0.00	Klamath

Project Description

Replacement of failing culverts with bridges.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-230	KRITFWC	Yurok Tribe	Instream and Riparian Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-FEB-03 - 30-SEP-03	Salmon Habitat Protection and Restoration	\$25,000.00	\$0.00	Klamath

Project Description
 Planted redwood and Douglas Fir trees in riparian areas of select Lower Klamath River tributaries. Conducted maintenance and modifications to log jam barriers in Terwer and McGarvey Creeks.

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFOR649-040	KRITFWC		Stream Culvert Installation West Pine Road 3	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 - 15-JUL-03	Salmon Habitat Protection and Restoration	\$10,540.00	\$0.00	Klamath

Project Description
 Replacement of failing culverts .

Project Ref	Grantee	Subgrantee	Project Name	State
HVPUD-02-VWI	KRITFWC		Valley-Wide Irrigation System	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$50,000.00	\$0.00	Klamath

Project Description
 HVPUD is installing a mainstem Trinity River diversion to supply domestic and irrigation water to Hoopa Valley Indian Reservation residents. This involves the acquisition of easements to lay mainlines and laterals for the Valley Wide Irrigation System. This project is designed to alleviate water usage from six reservation tributaries, which are now diverted for domestic and irrigation needs. The affected streams are inhabited by SONCC ESU Coho Salmon, Chinook salmon, and Klamath Mountain Province steelhead trout.

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFOR 646_04	KRITFWC		Heavy Equipment Operators Forest Road Workshop	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-01 - 31-MAY-01	Salmon Habitat Protection and Restoration	\$12,100.00	\$0.00	Klamath

Project Description
 Train heavy equipment operators on techniques of forest road construction designed to mitigate sediment delivery to streams.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
HVTFOR648_04	KRITFWC		Hostler and Five-Mile Creek Bridges	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 -	Salmon Habitat Protection and Restoration	\$96,060.00	\$0.00	Klamath

Project Description
 Replace failing stream crossing on Hostler and Five Mile Creeks

Project Ref	Grantee	Subgrantee	Project Name	State	
HVTFOR 646_04	KRITFWC		Hostler Creek Road Survey	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$42,275.00	\$0.00	Klamath

Project Description
 Reservation wide stream crossing inventory.

Project Ref	Grantee	Subgrantee	Project Name	State	
KRITFWC - Yuro	KRITFWC	Yurok Tribe	Instream restoration and Monitoring of Select Lower Klamath Tributarie	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-FEB-03 -	Salmon Habitat Protection and Restoration	\$40,000.00	\$0.00	Klamath

Project Description
 Monitor juvenile abundance/restore instream habitat in McGarvey Creek. Emigration and modified barriers to provide access to additional anadromous habitat

Project Ref	Grantee	Subgrantee	Project Name	State	
HVPUD-01-VWI	KRITFWC		Valley-Wide Irrigation System	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-01 -	Salmon Habitat Protection and Restoration	\$35,000.00	\$0.00	Klamath

Project Description
 HVPUD is installing a mainstem Trinity River diversion to supply domestic and irrigation water to Hoopa Valley Indian Reservation residents. This involves the acquisition of easements to lay mainlines and laterals for the Valley Wide Irrigation System. This project is designed to alleviate water usage from six reservation tributaries, which are now diverted for domestic and irrigation needs. The affected streams are inhabited by SONCC ESU Coho Salmon, Chinook salmon, and Klamath Mountain Province steelhead trout.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFD-00-Diver	KRITFWC		Diversion Screening on Supply Creek, Hoopa Valley Reservation	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 01-NOV-02	Salmon Habitat Protection and Restoration	\$70,871.00	\$0.00	Klamath

Project Description

The original project plan was to construct one self-cleaning screen and diversion structure on Supply Creek to reduce mortality of out-migrant salmonids including chinook and coho salmon (SONCC ESU), along with steelhead trout (Klamath Mountain Province). SHN Consulting Engineers and Geologists Inc., contracted by the Tribe, recommended against the construction of a self-cleaning screen. Using Fiscal 2000 monies, Hoopa Tribal Fisheries constructed and installed two fish screens, one at the North side diversion, and another at a South side diversion.

Project Ref	Grantee	Subgrantee	Project Name	State
KRITFWC - Yuro	KRITFWC	Yurok Tribe	Lower Klamath River Aquatic Habitat Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-00 -	Salmon Habitat Protection and Restoration	\$45,000.00	\$0.00	Klamath

Project Description

Restore Riparian Habitat. Modified logjams to improve anadromous access and plant conifers in riparian areas for future large woody debris recruitment and shade

Project Ref	Grantee	Subgrantee	Project Name	State
HTEPA-03-INVER	KRITFWC		Bentic Marco-Invertebrate Sampling	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$12,000.00	\$0.00	Klamath

Project Description

Project will establish the 3rd year baseline information concerning aquatic macro-invertebrate abundance and diversity. After the 3rd season of monitoring trends in water quality and fish habitat conditions can be adequately evaluated as indicators of stream/river health.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
Hoopa EPA - FY	KRITFWC		Continuous Data Recorder Maintenance and Discharge Measurements	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-OCT-02 - 30-SEP-03	Watershed and Sub-basin Planning and Assessment	\$26,001.00	\$0.00	Klamath

Project Description
Continuous Data Recorder monitoring stations provide real time quantitative water quality data used to evaluate the impacts of land management activities on three anadromous producing streams. Stream turbidity, temperature, and discharge are recorded daily and evaluated quarterly.

Project Ref	Grantee	Subgrantee	Project Name	State
Hoopa EPA - FY	KRITFWC		Installation of Continuous Water Quality Monitoring Station (Upper Basin)	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-MAY-04 -	Watershed and Sub-basin Planning and Assessment	\$17,000.00	\$0.00	Klamath

Project Description
Project will establish baseline water quality and hydrologic conditions in the upper reaches of Pine Creek drainage. In addition, project designed to monitor water quality from water bodies that flow into the reservation that will need to meet Tribal water quality standards.

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFD-03-IDT	KRITFWC		Inter-disciplinary Team Permitting 2003	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-03 -	Watershed and Sub-basin Planning and Assessment	\$19,000.00	\$0.00	Klamath

Project Description
This project supports the activities of Hoopa Valley Tribal Fisheries Department (HVTFD) staff biologists and hydrologists while assessing land management activities and plans that may impact fish populations on the Hoopa Valley Indian Reservation (HVR). All land management plans are reviewed to assure compliance to both the federal ESA guidelines, and the Hoopa Tribal Forest Management Plan. In addition, areas that warrant protective measures that exceed federal and Tribal guidelines are identified and plans altered accordingly, where feasible.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFD-03-HAB	KRITFWC		Physical and Biological Monitoring of HVR Tributaries	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUN-04 -	Watershed and Sub-basin Planning and Assessment	\$31,000.00	\$0.00	Klamath

Project Description

Permanent channel cross sections, monument photo points, and sediment sampling sites will be established in index reaches of Pine, Soctish, and Hostler creeks, located within the Hoopa Valley Indian Reservation. These streams provide spawning and rearing habitat for SONCC ESU coho salmon, chinook salmon, and Klamath Mountain Province steelhead trout. Anadromous salmonid presence/absence and habitat utilization will be documented by employing direct observation and/or electro-fishing techniques. Sediment samples will be collected with a McNeal sampler, where feasible, or by Wolman pebble count where the use of a McNeal sampler is impractical. Sites will be revisited annually, if future funding allows.

Project Ref	Grantee	Subgrantee	Project Name	State
02-229	KRITFWC	Yurok Tribe	GIS Support and Planning for the Lower Klamath	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	31-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$20,000.00	\$0.00	Klamath

Project Description

Spatial data analysis provided for restoration planning projects in the Lower Klamath River estuary and the Salt Creek watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFD-02-IDT	KRITFWC		Inter-disciplinary Team Permitting 2002	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-02 - 31-DEC-02	Watershed and Sub-basin Planning and Assessment	\$19,365.00	\$0.00	Klamath

Project Description

This project supports the activities of Hoopa Valley Tribal Fisheries Department (HVTFD) staff biologists and hydrologists while assessing land management activities and plans that may impact fish populations on the Hoopa Valley Indian Reservation (HVR). All land management plans are reviewed to assure compliance to both the federal ESA guidelines, and the Hoopa Tribal Forest Management Plan. In addition, areas that warrant protective measures that exceed federal and Tribal guidelines are identified and plans altered accordingly, where feasible.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
12002	KRITFWC	Karuk Tribe	Klamath River Tributary Fish Passage Improvement and Arc View Proj	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$95,000.00	\$0.00	Klamath

Project Description

This project will assess, inventory and prioritize tributaries for juvenile and / or adult salmonid fish passage, habitat, and water quality problems from Seiad Creek to Iron Gate Dam. An Arc View planning tool with layouts, themes, tables and photos/ videos will also be developed for the identified section of the Klamath River. The same (phase I) assessment is currently underway (2002 field season) for Middle Klamath tributaries between Seiad Creek and Bluff Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
2002-3	KRITFWC	Klamath Tribes	Limnological Analysis of Upper Klamath Lake Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-FEB-03 -	Watershed and Sub-basin Planning and Assessment	\$25,000.00	\$0.00	Klamath

Project Description

Continues Project 2001-3. The present hypereutrophic nature of Upper Klamath Lake is a concern in regard to the potential re-introduction of anadromous salmonids to the Upper Klamath Basin. In addition, the poor condition of the water flowing from Upper Klamath Lake into the Klamath River causes serious problems for existing anadromous fisheries in the middle and lower Klamath River. Ongoing annual water quality monitoring data will be integrated into the existing database, and existing analyses updated to confirm the validity of earlier conclusions.

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFD-02-HAB	KRITFWC		Physical and Biological Monitoring of HVR Tributaries 2002 (Burnt Ran	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-MAY-02 - 15-AUG-02	Watershed and Sub-basin Planning and Assessment	\$31,000.00	\$0.00	Klamath

Project Description

In recent years, measures have been enacted by Tribal-land managers that provide better protection of riparian and riverine systems, yet little is known about the recovery rate of impacted streams or whether or not streams are, in fact, recovering from past land management activities. In the summer months of 2002, the Hoopa Valley Tribal Fisheries Department (HVTFD) conducted habitat typing surveys on portions of Burnt Ranch Creek, Snow Camp Creek, South Fork Sootish Creek and Supply Creek, small streams located on the Hoopa Valley Indian Reservation (HVR). The primary objective of this study was to document existing instream habitat conditions and establish baseline information for future monitoring efforts; the ultimate goal being the detection of trends in habitat availability and quality. These streams support naturally spawning populations of SONCC ESU coho salmon, Klamath Mountain Province steelhead trout, and chinook salmon. Habitat-typing and LWD surveys were conducted and results were compared to NMFS "Matrix of Pathways and Indicators". Report completed: "EVALUATION OF HABITAT CONDITIONS AND ANADROMOUS SALMONID PRESENCE/ABSENCE ON BURNT RANCH AND SNOW CAMP CREEKS OF THE PINE CREEK WATERSHED, HOOPA VALLEY INDIAN RESERVATION, 2002"; PREPARED BY HOOPA VALLEY TRIBAL FISHERIES DEPARTMENT, September,2002.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFOR649_04	KRITFWC		Pre and Post Timber Harvest Stream Monitoring(HYDROLOGIST)	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-NOV-02 -	Watershed and Sub-basin Planning and Assessment	\$60,000.00	\$0.00	Klamath

Project Description
Instream monitoring of the impacts of timber harvest

Project Ref	Grantee	Subgrantee	Project Name	State
2002-1	KRITFWC	Klamath Tribes	Sprague River Hydrologic and Geomorphic Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-FEB-03 -	Watershed and Sub-basin Planning and Assessment	\$50,000.00	\$0.00	Klamath

Project Description
Supplements Project 2001-1 by providing for additional hydraulic modeling.

Project Ref	Grantee	Subgrantee	Project Name	State
2002-2	KRITFWC	Klamath Tribes	Sprague River Non-point Nutrient Loading Model Development	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-FEB-03 -	Watershed and Sub-basin Planning and Assessment	\$235,000.00	\$0.00	Klamath

Project Description
Continues Projects 2000-1 and 2001-2, in which development of QUAL2E and SWAT models began. This portion of the model development effort joins intensive data collection with the main body of model calibration efforts.

Project Ref	Grantee	Subgrantee	Project Name	State
32002	KRITFWC	Karuk Tribe	Water quality and stream flow assessment for Mainstem Klamath Rive	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Watershed and Sub-basin Planning and Assessment	\$75,000.00	\$0.00	Klamath

Project Description
The objective of this proposal is to enable the Karuk Tribe to assess short-term and long- term water quality and stream discharge parameters in the mainstem Klamath River and tributaries within the Karuk Ancestral Territory and other project areas. Long-term assessment includes monitoring of road decommissioning projects (e.g. Steinacher and East Ishi Pishi road decommissioning) and monitoring of key Klamath tributaries and the Klamath River mainstem.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
HVTFD-01-HAB	KRITFWC		Habitat and Channel Evaluations Socktish, Pine and Hostler Creeks (FY	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-01 - 01-AUG-01	Watershed and Sub-basin Planning and Assessment	\$19,341.00	\$0.00	Klamath

Project Description

In recent years, measures have been enacted by Tribal-land managers that provide better protection of riparian and riverine systems, yet little is known about the recovery rate of impacted streams or whether or not streams are, in fact, recovering from past land management activities. In the summer months of 2000 and 2001, the Hoopa Valley Tribal Fisheries Department (HVTFD) conducted habitat typing surveys on portions of Pine Creek, Hostler Creek and Socktish Creek; small streams located on the Hoopa Valley Indian Reservation (HVR). The primary objective of this study was to document existing instream habitat conditions and establish baseline information for future monitoring efforts; the ultimate goal being the detection of trends in habitat availability and quality. These streams support naturally spawning populations of SONCC ESU coho salmon, Klamath Mountain Province steelhead trout, and chinook salmon.

Project Ref	Grantee	Subgrantee	Project Name	State	
HVTFD-01-IDT	KRITFWC		Inter-disciplinary Team Permitting 2001	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JAN-01 - 31-DEC-01	Watershed and Sub-basin Planning and Assessment	\$15,000.00	\$0.00	Klamath

Project Description

This project supports the activities of Hoopa Valley Tribal Fisheries Department (HVTFD) staff biologists and hydrologists while assessing land management activities and plans that may impact fish populations on the Hoopa Valley Indian Reservation (HVR). All land management plans are reviewed to assure compliance to both the federal ESA guidelines, and the Hoopa Tribal Forest Management Plan. In addition, areas that warrant protective measures that exceed federal and Tribal guidelines are identified and plans altered accordingly, where feasible.

Project Ref	Grantee	Subgrantee	Project Name	State	
12001	KRITFWC	Karuk Tribe	Klamath River Tributary Fish Passage improvement and ArcView Proje	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-02 -	Watershed and Sub-basin Planning and Assessment	\$180,000.00	\$0.00	Klamath

Project Description

The project will locate tributaries with juvenile and/or adult salmonid fish passage deficiencies in the Mid-Klamath River from Aikens Creek up to Seiad Creek. A working ArcView project with layouts, themes, tables and photos was produced to facilitate development of restoration planning and implementation projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
2001-3	KRITFWC	Klamath Tribes	Limnological Analysis of Upper Klamath Lake Water Quality Monitoring	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-02 - 31-DEC-02	Watershed and Sub-basin Planning and Assessment	\$30,000.00	\$0.00	Klamath

Project Description
The present hypereutrophic nature of Upper Klamath Lake is a concern in regard to the potential re-introduction of anadromous salmonids to the Upper Klamath Basin. In addition, the poor condition of the water flowing from Upper Klamath Lake into the Klamath River causes serious problems for existing anadromous fisheries in the middle and lower Klamath River. Ongoing annual water quality monitoring data will be integrated into the existing database, and existing analyses updated to confirm the validity of earlier conclusions.

Project Ref	Grantee	Subgrantee	Project Name	State
2001-1	KRITFWC	Klamath Tribes	Sprague River Hydrologic and Geomorphic Assessment	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-02 -	Watershed and Sub-basin Planning and Assessment	\$116,390.00	\$0.00	Klamath

Project Description
This project helps us develop reach-specific river restoration recommendations based on hydrologic and geomorphic assessments of the Sprague River. Our approach will be to: 1) consolidate and analyze all existing information on historical and current geomorphic and hydrologic conditions; 2) Delineate geomorphically similar reaches and establish reference sites; 3) Intensively survey the channel and floodplain morphology on the reference sites; 4) Conduct limited hydraulic modeling; 5) Produce a detailed report which quantifies and contrasts the historic and present geomorphic and hydrologic conditions of the Sprague River, identifies key geomorphic features for restoration, describes likely benefits to restoring those features, and makes the most specific restoration recommendations possible with the available data. We expect all anadromous species in the Klamath River between Iron Gate Dam and the Scott River to benefit from improved Upper Klamath Basin conditions. In addition, we plan to restore anadromous fish to the Upper Klamath Basin above Iron Gate Dam.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
2001-2	KRITFWC	Klamath Tribes	Sprague River Non-point Nutrient Loading Model Development	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-02 - 31-DEC-02	Watershed and Sub-basin Planning and Assessment	\$33,610.00	\$0.00	Klamath

Project Description

A continuation of ongoing work, this project will continue development of two non-point source nutrient loading models (QUAL2E and SWAT) for the Sprague River, which will enable accurate assessment and effective watershed restoration planning. The Sprague River (a major tributary to Upper Klamath Lake in the Upper Klamath River catchment in south-central Oregon) once supported large runs of spring and fall chinook, as well as steelhead. These runs were eliminated by a hydroelectric dam built on the Klamath River in 1917, but are now likely to be re-established as part of the relicensing of the Klamath Hydroelectric Project. Land use practices have extensively degraded watersheds above Upper Klamath Lake, including the Sprague River, which is a major contributor of non-point source phosphorus loading to Upper Klamath Lake, which is presently hypereutrophic (i.e. extremely productive, with huge algae blooms and poor water quality) as a result of watershed degradation. Poor conditions in the Upper Klamath Basin contribute to poor water quality conditions below Iron Gate Dam in the Klamath River, the present upper extent of anadromous salmonids in the Klamath.

Project Ref	Grantee	Subgrantee	Project Name	State
KRITFWC - Yuro	KRITFWC	Yurok Tribe	Enhancement of Lower Klamath River Fall Chinook Populations	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-NOV-00 -	Watershed and Sub-basin Planning and Assessment	\$9,999.00	\$0.00	Klamath

Project Description

Draft report regarding potential concern for artificial propagation in Lower Klamath Tributaries. Conducted a literature search/drafted report regarding artificial propagation for Lower Klamath River tributaries

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFD-00-HAB	KRITFWC		Habitat and Channel Evaluations Sockish, Pine and Hostler Creeks (FY	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-00 - 01-AUG-00	Watershed and Sub-basin Planning and Assessment	\$32,542.00	\$0.00	Klamath

Project Description

In recent years, measures have been enacted by Tribal-land managers that provide better protection of riparian and riverine systems, yet little is known about the recovery rate of impacted streams or whether or not streams are, in fact, recovering from past land management activities. In the summer months of 2000 and 2001, the Hoopa Valley Tribal Fisheries Department (HVTFD) conducted habitat typing surveys on portions of Pine Creek, Hostler Creek and Sockish Creek; small streams located on the Hoopa Valley Indian Reservation (HVR). The primary objective of this study was to document existing instream habitat conditions and establish baseline information for future monitoring efforts; the ultimate goal being the detection of trends in habitat availability and quality. These streams support naturally spawning populations of SONCC ESU coho salmon, Klamath Mountain Province steelhead trout, and chinook salmon.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
2000-1	KRITFWC	Klamath Tribes	Sprague River Non-point Nutrient Loading Model Development	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-01 - 31-JUL-01	Watershed and Sub-basin Planning and Assessment	\$47,450.00	\$0.00	Klamath

Project Description
The project will begin development of two non-point source nutrient loading models (QUAL2E and SWAT) for the Sprague River, which will enable accurate assessment and effective watershed restoration planning. The Sprague River (a major tributary to Upper Klamath Lake in the Upper Klamath River catchment in south-central Oregon) once supported large runs of spring and fall chinook, as well as steelhead. These runs were eliminated by a hydroelectric dam built on the Klamath River in 1917, but are now likely to be re-established as part of the relicensing of the Klamath Hydroelectric Project. Land use practices have extensively degraded watersheds above Upper Klamath Lake, including the Sprague River, which is a major contributor of non-point source phosphorus loading to Upper Klamath Lake, which is presently hypereutrophic (i.e. extremely productive, with huge algae blooms and poor water quality) as a result of watershed degradation. Poor conditions in the Upper Klamath Basin contribute to poor water quality conditions below Iron Gate Dam in the Klamath River, the present upper extent of anadromous salmonids in the Klamath River.

Project Ref	Grantee	Subgrantee	Project Name	State
KRITFWC - Yuro	KRITFWC	Yurok Tribe	Support for Technical Recovery Team Participation	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 -	Watershed and Sub-basin Planning and Assessment	\$5,000.00	\$0.00	Klamath

Project Description
Provided a Yurok staff member for one month to serve on the SONCC. Provide support for the Southern Oregon/North California Technical Recovery Team.

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFD-03-FYKE	KRITFWC		Abundance of Juvenile Salmonids in Tributary Streams of the Hoopa V	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	20-FEB-03 -	Salmon Research, Monitoring, and Evaluation	\$51,000.00	\$0.00	Klamath

Project Description
Fyke nets are used to monitor the abundance of out-migrating naturally spawned juvenile salmonids on seven streams located on the Hoopa Valley Indian Reservation. Six of these streams (Tish Tang Creek, Mill Creek, Hostler Creek, Supply Creek, Soctish Creek, and Campbell Creek) are tributaries of the Trinity River, while one of the streams, Pine Creek, is a tributary of the Klamath River. Anadromous salmonids found within these drainages include coho salmon (SONCC ESU) , Chinook salmon, and steelhead trout (Klamath Mountain Province). Traps are installed seasonally and checked daily throughout the sampling season, usually mid-February through mid-August. Sampling reoccurs annually, when funding is available, facilitating the documentation of indexed population trends over time. Mark/recapture methods for estimating trapping efficiency were continued this year.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFD-03-COH	KRITFWC		Coho Genetics Study	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Salmon Research, Monitoring, and Evaluation	\$5,000.00	\$0.00	Klamath

Project Description

The primary goal of this project was to assist in NOAA's attempt to identify independent populations of SONCC ESA coho salmon within the Trinity River basin through DNA analysis. Samples (fin clips) were to be preserved and shipped to the NOAA lab in Santa Cruz for analysis. Electrofishing was to be used to capture 75 young-of-the-year coho salmon (>70 mm fork length) from Mill Creek, an HVR tributary. Repeated attempts to locate a sufficient population for sampling through direct observation (snorkling) and electro-fishing failed, and the decision was made by NOAA (Tommy Wilson) to focus on streams outside of the Reservation. Funding was exhausted by the time the decision to abandon the on-Reservation effort was made.

Project Ref	Grantee	Subgrantee	Project Name	State
02-225	KRITFWC	Yurok Tribe	Blue Creek Snorkel Surveys	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-SEP-02 - 11-DEC-02	Salmon Research, Monitoring, and Evaluation	\$40,000.00	\$0.00	Lower Sacramento

Project Description

This project is a component of long-term monitoring and assessment efforts of Blue Creek anadromous salmonid runs. This project consists of conducting bi-weekly snorkel surveys to monitor the abundance of adult chinook and coho salmon to the Basin. Blue Creek is the only remaining drainage in the lower Klamath sub-basin which supports sizable runs of chinook salmon (*Oncorhynchus tshawytscha*) and coho salmon (*O. kisutch*), which are part of the Southern Oregon and Northern California Coho Salmon ESU that is listed as threatened under the Federal Endangered Species Act. Blue Creek comprises some of the best fisheries habitat in the Lower Klamath Basin, largely because of the relatively pristine condition of much of the headwaters within the drainage.

Project Ref	Grantee	Subgrantee	Project Name	State
TEPA-02-CDR	KRITFWC	Hoopa Tribal Environmental Protection Agen	Continuous Date Recorder data on Reservation Tributaries	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-APR-03 - 15-APR-04	Salmon Research, Monitoring, and Evaluation	\$24,620.00	\$0.00	Klamath

Project Description

Coordinated with Timber Sales to monitor long term effects of land management activities (road building, silvaculture, timber harvest).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-231	KRITFWC	Yurok Tribe	Federal Coho Technical Recovery Team (TRT) Participation	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-03 - 30-SEP-03	Salmon Research, Monitoring, and Evaluation	\$10,000.00	\$0.00	Klamath

Project Description
 This project is to pay the wages for Dave Hillemeier, Yurok Tribal Fisheries Program Manager, to participate on the Federal Technical Recovery Team for the Southern Oregon/Northern California Coastal Coho Salmon ESU.

Project Ref	Grantee	Subgrantee	Project Name	State
02-228	KRITFWC	Yurok Tribe	Klamath River Flow Study Activities	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-03 -	Salmon Research, Monitoring, and Evaluation	\$130,000.00	\$0.00	Klamath

Project Description
 This project is to continue long-term investigations into the relationship between Klamath River flows and the health of anadromous salmonid populations harvested by the Yurok Tribe.

Project Ref	Grantee	Subgrantee	Project Name	State
02-227	KRITFWC	Yurok Tribe	Lower Klamath Tributary Outmigrant Trapping	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	26-FEB-03 - 19-AUG-03	Salmon Research, Monitoring, and Evaluation	\$65,000.00	\$0.00	Klamath

Project Description
 This project includes downstream migrant monitoring of chinook salmon, coho salmon and steelhead in Blue, McGarvey and Terwer Creeks. This project is the continuation of a long-term monitoring effort to obtain baseline information regarding salmonid populations in these tributaries that are undergoing upslope restoration to reduce sedimentation. This project quantitatively determined the production of juvenile chinook, coho, and steelheads, and cutthroat trout emigrating from these basins during 2003.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
TEPA-02-MIVT	KRITFWC	Hoopa Tribal Environmental Protection Agen	Macroinvertebrate Sampling	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 - 01-NOV-02	Salmon Research, Monitoring, and Evaluation	\$25,872.00	\$0.00	Klamath

Project Description
Determines the health of streams through biological assessments of invertebrate populations.

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFD-02-FYKE	KRITFWC		Out-migrant Monitoring of Juvenile Salmonids. FY2002	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	20-FEB-02 -	Salmon Research, Monitoring, and Evaluation	\$51,000.00	\$0.00	Klamath

Project Description
Fyke nets are used to monitor the abundance of out-migrating naturally spawned juvenile salmonids on seven streams located on the Hoopa Valley Indian Reservation. Six of these streams (Tish Tang Creek, Mill Creek, Hostler Creek, Supply Creek, Soctish Creek, and Campbell Creek) are tributaries of the Trinity River, while one of the streams, Pine Creek, is a tributary of the Klamath River. Anadromous salmonids found within these drainages include coho salmon (SONCC ESU) , Chinook salmon, and steelhead trout (Klamath Mountain Province). Traps are installed seasonally and checked daily throughout the sampling season, usually mid-February through mid-August. Sampling reoccurs annually, when funding is available, facilitating the documentation of indexed population trends over time. Mark/recapture methods for estimating trapping efficiency were implemented this year.

Project Ref	Grantee	Subgrantee	Project Name	State
TEPA-02-TEMP	KRITFWC	Hoopa Tribal Environmental Protection Agen	Stratified Pool Temperature Monitoring in Trinity River pools	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-02 - 01-NOV-02	Salmon Research, Monitoring, and Evaluation	\$14,604.00	\$0.00	Klamath

Project Description
Stratified sampling of pools over 25 feet deep in Trinity River

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-226	KRITFWC	Yurok Tribe	Terwer Creek Snorkel Surveys	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	10-JAN-03 - 20-MAY-03	Salmon Research, Monitoring, and Evaluation	\$20,000.00	\$0.00	Klamath

Project Description

This project included monitoring of adult steelhead abundance and distribution in Terwer Creek, a major Lower Klamath River tributary where watershed restoration activities are planned to be implemented in the near future.

Project Ref	Grantee	Subgrantee	Project Name	State
42002	KRITFWC	Karuk Tribe	Use of Klamath River Mainstem and Tributary Habitats by Adult and Ju	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$57,000.00	\$0.00	Klamath

Project Description

The objective is to determine critical adult spawning sites, juvenile migration characteristics and over winter/summer rearing sites in the mainstem Klamath River and its tributaries between the Scott River confluence and Trinity River confluence. Adult spawning sites and habitat characteristic will be inventoried and added to a GIS database. Migration characteristics associated with age, size and seasonal habitat preference will be documented. This will include identification of stranding areas on the mainstem Klamath and analysis of stranding causes. Seasonal rearing sites will be inventoried and added into a GIS database. Identified rearing areas will then be analyzed for connectivity to the mainstem Klamath River migration corridor.

Project Ref	Grantee	Subgrantee	Project Name	State
22002	KRITFWC	Karuk Tribe	Use of Klamath River Mainstem Habitats by Adult and Juvenile and Dw	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$83,000.00	\$0.00	Klamath

Project Description

The Karuk Tribe has been funded for the 2002 field season to study the use of the Klamath River Mainstem habitats by adult and juvenile pacific lamprey (*Lampetra tridentata*). This first year study will begin characterization of the population longitudinally from Iron Gate Dam to Aikens Creek. Hydraulic modeling using PHABSIM tools to analyze water management influences on the amount of habitat available will also begin with this first year project. Age-class strength estimates for ammocoetes will also take place the first year. We are proposing to continue the 2002 field season efforts into the 2003 field season. In addition to those tasks, adult run-size estimates, adult spawning habitat characterization and other general life history investigations will occur. Life history investigations will include population genetic analysis, run timing, and growth rate analysis. The effects, including susceptibility to disease, of predation from dwarf pacific lamprey on adult and juvenile salmonids will be assessed in the mainstem Klamath

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
KRITFWC - Yuro	KRITFWC	Yurok Tribe	Blue Creek Adult Salmonid Snorkle Surveys	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-SEP-03 -	Salmon Research, Monitoring, and Evaluation	\$40,000.00	\$0.00	Klamath

Project Description
 Assess adult salmonid escapement to Blue Creek. Conducted weekly snorkle surveys in Blue Creek during the fall Chinook and Coho runs and monthly surveys during the steelhead runs as water conditions allowed

Project Ref	Grantee	Subgrantee	Project Name	State	
TEPA-01-CDR	KRITFWC	Hoopa Tribal Environmental Protection Agen	Continuous Date Recorder data on Reservation Tributaries	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-APR-02 - 15-APR-03	Salmon Research, Monitoring, and Evaluation	\$25,600.00	\$0.00	Klamath

Project Description
 Coordinated with Timber Sales to monitor long term effects of land management activities (road building, silvaculture, timber harvest).

Project Ref	Grantee	Subgrantee	Project Name	State	
TEPA-01-TDO	KRITFWC	Hoopa Tribal Environmental Protection Agen	Dissolved Oxygen Monitoring in Lower Trinity River	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-APR-02 - 01-NOV-02	Salmon Research, Monitoring, and Evaluation	\$9,000.00	\$0.00	Klamath

Project Description
 Determination of diurnal fluctuations in dissolved oxygen in Trinity River flow to examine effects of algae population blooms that were depleting oxygen causing fluctuations that could effect fish populations.

Project Ref	Grantee	Subgrantee	Project Name	State	
KRITFWC - Yuro	KRITFWC	Yurok Tribe	Flow Study activity in the Klamath River	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-FEB-03 -	Salmon Research, Monitoring, and Evaluation	\$115,000.00	\$0.00	Klamath

Project Description
 Continue long-term flow study efforts for the Klamath River. Conducted several projects for the Klamath River long-term flow studay project, such as : collection of fry density and emigration movements for Salmod fry stranding assessment, fish killmonitoring, and thermal refugia monitoring

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
TEPA-01-MIVT	KRITFWC	Hoopa Tribal Environmental Protection Agen	Macroinvertebrate Sampling	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 - 01-NOV-01	Salmon Research, Monitoring, and Evaluation	\$12,000.00	\$0.00	Klamath

Project Description
Determines the health of streams through biological assessments of invertebrate populations.

Project Ref	Grantee	Subgrantee	Project Name	State
HVTFD-01-FYKE	KRITFWC		Out-migrant Monitoring of Juvenile Salmonids. FY2001	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	20-FEB-01 - 15-AUG-01	Salmon Research, Monitoring, and Evaluation	\$48,000.00	\$0.00	Klamath

Project Description
Fyke nets are used to monitor the abundance of out-migrating naturally spawned juvenile salmonids on seven streams located on the Hoopa Valley Indian Reservation. Six of these streams (Tish Tang Creek, Mill Creek, Hostler Creek, Supply Creek, Soctish Creek, and Campbell Creek) are tributaries of the Trinity River, while one of the streams, Pine Creek, is a tributary of the Klamath River. Anadromous salmonids found within these drainages include coho salmon (SONCC ESU) , Chinook salmon, and steelhead trout (Klamath Mountain Province). Traps are installed seasonally and checked daily throughout the sampling season, usually mid-February through mid-August. Sampling reoccurs annually, when funding is available, facilitating the documentation of indexed population trends over time. Nets are immediately upstream from the creek mouths; no spawning occurs down stream from the trap sites.

Project Ref	Grantee	Subgrantee	Project Name	State
KRITFWC - Yuro	KRITFWC	Yurok Tribe	Terwer Creek Adult Snorkel Surveys and Outmigrant Trapping	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-FEB-03 -	Salmon Research, Monitoring, and Evaluation	\$30,000.00	\$0.00	Klamath

Project Description
Assess adult and juvenile abundance, distribution, and run timing in Terwer Creek. Conducted monthly snorkel surveys to monitor adult steelhead abundance and distribution and juvenile salmonid emigration

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
KRITFWC - Yuro	KRITFWC	Yurok Tribe	Use of Thermal Refugia by adult salmonids in the Klamath River	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-FEB-03 -	Salmon Research, Monitoring, and Evaluation	\$24,996.00	\$0.00	Klamath

Project Description
Asses the use of thermal refugia by spring chinook. Used radio tags to monitor movements and use of holding habitat by spring run Chinook

Project Ref	Grantee	Subgrantee	Project Name	State	
KRITFWC - Yuro	KRITFWC	Yurok Tribe	Water Quality Discharge Monitoring Station in Terwer Creek	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-JAN-03 -	Salmon Research, Monitoring, and Evaluation	\$10,004.00	\$0.00	Klamath

Project Description
Establish stream and discharge monitoring in Terwer Creek. Constructed a continuously recording stream discharge and water quality monitoring station in Terwer Creek

Project Ref	Grantee	Subgrantee	Project Name	State	
KRITFWC - Yuro	KRITFWC	Yurok Tribe	Assessment of Anadromous Salmonid Stocks in Blue Creek	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-00 -	Salmon Research, Monitoring, and Evaluation	\$70,016.00	\$0.00	Klamath

Project Description
Assess juvenile and adult salmonid abundance. Assessed juvenile emigration and adult spawning escapement

Project Ref	Grantee	Subgrantee	Project Name	State	
TEPA-00-HYDRO	KRITFWC	Hoopa Tribal Environmental Protection Agen	Hydrologic Monitoring	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 - 01-APR-01	Salmon Research, Monitoring, and Evaluation	\$23,269.00	\$0.00	Klamath

Project Description
Determination of amount of suspended sediment being carried in reservation streams, correnlated to land management activities.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
KRITFWC - Yuro	KRITFWC	Yurok Tribe	Klamath River Ecological Investigations	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-00 -	Salmon Research, Monitoring, and Evaluation	\$99,985.00	\$0.00	Klamath

Project Description
 Conduct studies so that flow recommendations are based on the best science available. Conducted studies to determine the quantity and quality of water needed to support healthy fish

Project Ref	Grantee	Subgrantee	Project Name	State
KRITFWC - Yuro	KRITFWC	Yurok Tribe	Lower Klamath Tributary Water Quality Monitoring	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-SEP-00 -	Salmon Research, Monitoring, and Evaluation	\$20,000.00	\$0.00	Klamath

Project Description
 Monitor stream flow and water quality. Constructed stream gauging and water quality monitoring stations in conjunction with upslope watershed

Project Ref	Grantee	Subgrantee	Project Name	State
TEPA-00-MIVT	KRITFWC	Hoopa Tribal Environmental Protection Agen	Macroinvertebrate Sampling	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 - 01-NOV-00	Salmon Research, Monitoring, and Evaluation	\$10,815.00	\$0.00	Klamath

Project Description
 Determines the health of streams through biological assessments of invertebrate populations.

Project Ref	Grantee	Subgrantee	Project Name	State
HVTDF-00-WC-S	KRITFWC		Monitor outmigration of juvenile salmonids from Willow Creek	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	-	Salmon Research, Monitoring, and Evaluation	\$26,118.00	\$0.00	Klamath

Project Description
 The original plan was to co-operate with USFWS to monitor outmigration of juvenile salmonids from Willow Creek, a tributary to the Trinity River(off Reservation). Because the project was shelved, funds were redirected to compensate for shortages in FY2001 habitat assessment funding (project number HVTFD-01-HAB). The FY2001 habitat assessment was completed(see entry below).

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Project Ref	Grantee	Subgrantee	Project Name	State
HVTFD-00-FYKE	KRITFWC		Out-migrant Monitoring of Juvenile Salmonids. FY2000	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	20-FEB-00 - 15-AUG-00	Salmon Research, Monitoring, and Evaluation	\$30,018.00	\$0.00	Klamath

Project Description

Fyke nets are used to monitor the abundance of out-migrating naturally spawned juvenile salmonids on seven streams located on the Hoopa Valley Indian Reservation. Six of these streams (Tish Tang Creek, Mill Creek, Hostler Creek, Supply Creek, Soctish Creek, and Campbell Creek) are tributaries of the Trinity River, while one of the streams, Pine Creek, is a tributary of the Klamath River. Anadromous salmonids found within these drainages include coho salmon (SONCC ESU) , Chinook salmon, and steelhead trout (Klamath Mountain Province). Traps are installed seasonally and checked daily throughout the sampling season, usually mid-February through mid-August. Sampling reoccurs annually, when funding is available, facilitating the documentation of indexed population trends over time. Nets are immediately upstream from the creek mouths; no spawning occurs down stream from the trap sites.

Project Ref	Grantee	Subgrantee	Project Name	State
KRITFWC-Admin-	KRITFWC	Bureau of Indian Affairs	Grant Administration Costs	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	-	Program Administration	\$2,500.00	\$0.00	Klamath

Project Description

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Project Ref	Grantee	Subgrantee	Project Name	State
CTGR - 2003	Grand Ronde	The Confederated Tribes of Grand Ronde N	Grand Ronde Tribes Agency Creek Habitat Restoration	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-04 -	Salmon Habitat Protection and Restoration	\$65,000.00	\$0.00	Willamette

Project Description

The Tribes proposes to improve fish habitat in Agency Creek by placing in-stream structures. The reach to be enhanced is approximately 1.5 miles in length and is located between Yoncalla and West Fork Agency Creeks. Habitat structures would be created using large logs or trees and boulders in several locations in this reach. Approximately 90 logs would be placed in complexes of 3-7 logs, with a goal of 40-60 logs per mile. Large diameter logs with a length adequate for the stream channel would be used to ensure that placed logs are stable and provide habitat for as long as possible. When possible, logs with root wads attached would be used. Structures would be designed and placed to maximize the benefit to fish by creating and maintaining pools and complex channels and providing cover. Log placements would take place in 2004 during the instream work period of July 1 to October 15. The Tribes would begin planning for the enhancement work in 2003. Existing stream survey data for the reach would be evaluated to assess current stream channel conditions and needs. Site visits would be made to determine the placement and locations of structures. Based on the outcome of evaluating the current channel and site visits, detailed site plans and costs would be developed. At this time the final number of logs and structures would be determined. Log structure design, location, and placement would follow the guidelines of A Guide to Placing Wood in Streams published May 1995 by Oregon Department of Forestry and Oregon Department of Fish and Wildlife. The project would follow the Oregon Aquatic Habitat Restoration and Enhancement Guide and would follow the timing guidelines of the Oregon Guidelines for Timing of In-water Work to Protect Fish and Wildlife Resources. Additional technical support would be sought from experts with Oregon Department of Fish and Wildlife.

Project Ref	Grantee	Subgrantee	Project Name	State
531-7660-0	Grand Ronde	The Confederated Tribes of Grand Ronde N	Grand Ronde Tribes Fish Passage Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$100,000.00	\$0.00	Willamette

Project Description

The Confederated Tribes of Grand Ronde will improve fish passage to Upper Willamette ESU steelhead by removing or replacing four problem culverts with embedded round and pipe arch culverts. All assessment and design planning will follow the guidelines an

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
2480555	Grand Ronde	The Confederated Tribes of Grand Ronde N	Grand Ronde Tribes Fish Passage Projects	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 30-SEP-02	Salmon Habitat Protection and Restoration	\$71,250.00	\$0.00	Willamette

Project Description
The Confederated Tribes of Grand Ronde will improve fish passage to Upper Willamette ESU steelhead by removing or replacing four problem culverts with embedded round and pipe arch culverts. All assessment and design planning will follow the guidelines and meet the criteria of the Oregon Road-Stream Crossing Restoration Guide: Spring 1999 (Robison et al. 1999) referred to in the Oregon Aquatic Habitat Restoration and Enhancement Guide, May 1999.

Project Ref	Grantee	Subgrantee	Project Name	State
2480550	Grand Ronde	The Confederated Tribes of Grand Ronde N	Grand Ronde Tribes Salmon Recovery Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 30-SEP-01	Salmon Habitat Protection and Restoration	\$47,500.00	\$0.00	Willamette

Project Description
The Confederated Tribes of Grand Ronde will improve fish passage to Upper Willamette ESU steelhead by removing or replacing four problem culverts with embedded round and pipe arch culverts. All assessment and design planning will follow the guidelines and meet the criteria of the Oregon Road-Stream Crossing Restoration Guide: Spring 1999 (Robison et al. 1999) referred to in the Oregon Aquatic Habitat Restoration and Enhancement Guide, May 1999.

Project Ref	Grantee	Subgrantee	Project Name	State
GR-Admin-2001	Grand Ronde	Bureau of Indian Affairs	Grant Administration Costs	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Program Administration	\$3,750.00	\$0.00	Willamette

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
GR-Admin-2000	Grand Ronde	Bureau of Indian Affairs	Grant Administration Costs	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	-	Program Administration	\$2,500.00	\$0.00	Willamette

Project Description

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Project Ref	Grantee	Subgrantee	Project Name	State	
200093	CRITFC	Confederated Tribes and Bands of the Yaka	Ahtanum, Toppenish, Simcoe and Agency Creek Gaging Station Const	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Salmon Habitat Protection and Restoration	\$29,612.00	\$0.00	Yakima

Project Description

The Yakama Nation would like to install 8 remotely accessible, continuous recording stream discharge and temperature stations on Ahtanum, Toppenish, Simcoe, and Agency Creeks. These creeks are preferred habitat for Threatened Mid Columbia Summer Steelhead, Threatened Bull Trout, Coho and Chinook Salmon. Currently, Toppenish Creek is one of the top two producing steelhead streams in the Yakima Subbasin. Conversely, Ahtanum Creek steelhead are on the verge of extinction with just 16 redds counted in 2003. The 2003 steelhead redd count, however, was the highest in recent history. In 2000 a 10 cfs minimum instream flow was established on Ahtanum Creek. This action has triggered an immediate increase in fish abundance throughout the creek. A similar flow minimum has been established on Toppenish and Simcoe Creeks this irrigation season. Current staffing levels are less than is necessary to sufficiently monitor adherence to the instream flow minimum policy. Hence, the need for remotely accessible gaging stations in strategic locations.

Project Ref	Grantee	Subgrantee	Project Name	State	
200080	CRITFC	Confederated Tribes of the Warm Springs R	Badger Creek Watershed Restoration	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Habitat Protection and Restoration	\$40,000.00	\$0.00	Deschutes

Project Description

Objective of this project is to reduce the production and delivery of fine sediments from the B-260 Road into Badger Creek. This will be accomplished by the pullback and reconstruction of 1.0 miles of the B-260 Road where it impinges upon Badger Creek, and the replacement of an undersized culvert. Additionally, 3.5 miles of the B-260 Road, 2 miles of the B-160 Road and 1.6 miles of the B-164 Road will be stabilized with four to six inches of three inch minus crushed rock, which will be packed in place.

Project Ref	Grantee	Subgrantee	Project Name	State	
200084	CRITFC	Confederated Tribes of the Umatilla Indian R	Birch Creek Subbasin Steelhead Passage Improvement	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Habitat Protection and Restoration	\$30,000.00	\$0.00	Middle Columbia

Project Description

The Oregon Department of Fish and Wildlife have identified numerous obstructions within the Birch Creek Watershed, a subwatershed located within the Umatilla River Basin, restricting or limiting introduced and mid Columbia Evolutionary Significant Unit of wild summer steelhead. This is a native species that is currently listed as threatened under the federal Endangered Species Act. The Confederated Tribes of the Umatilla Indian Reservation propose to remove and alter two of the identified barriers delaying and impeding anadromous salmonid migration. Removal or modification of these barriers will provide access to stream reaches currently under-utilized and will improve access for adult spawning, juvenile rearing and adult and juvenile holding.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
200083	CRITFC	Confederated Tribes of the Umatilla Indian R	Brownell Diversion Dam Removal	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Habitat Protection and Restoration	\$35,000.00	\$0.00	Middle Columbia

Project Description					
<p>The Confederated Tribes of the Umatilla Indian Reservation proposes to fund the removal of the Brownell Diversion Dam located at rivermile 2.0 on the Umatilla River. The dam was historically the surface point of diversion for the Brownell Irrigation Ditch. This point of diversion has not been used since completion of the Umatilla Basin Project Phase I facilities in 1993. Water to the Brownell Ditch is now supplied through the Phase I facilities. A jump pool type fishway currently exists at the dam for fish passage and at medium to high flow levels fish can also swim around the structure. However, at lower flow levels the only passage avenue is the fishway. The fishway is located at mid-stream which makes access difficult for maintenance and has a relatively small opening which increases problems with debris buildup. While the dam structure is not a barrier to upstream passage there is concern that it may be causing delays, especially at lower flows. More importantly, adults are regularly observed leaping against the dam structure and it is thought to be a major source of the physical and mechanical damage observed on adults trapped at Threemile Dam.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
200092	CRITFC	Confederated Tribes and Bands of the Yaka	Construction of Castile Falls 4/5 In-Channel Sills	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Salmon Habitat Protection and Restoration	\$180,000.00	\$0.00	Middle Columbia

Project Description					
<p>This project fits directly to the tribal salmon recovery plans by reestablishing fish passage and providing the ability to increase natural production. This portion of the project is a key component to construction of an overall efficient fishway system. An efficient fishway system coupled with increased natural production will provide the opportunity to reestablish a tribal fishery within the closed area of the Yakama Reservation. This specific project consists of installing a concrete control sill immediately downstream of Castile Falls 4&5 fishway exit.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
200082	CRITFC	Confederated Tribes of the Umatilla Indian R	Habitat Restoration in the Walla Walla Basin	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Habitat Protection and Restoration	\$10,000.00	\$0.00	Middle Columbia

Project Description					
<p>This project proposes to address habitat deficiencies in the Walla Walla River Basin resulting from past land-use practices. In 2003, a small group comprised of the Confederated Tribes of the Umatilla Indian Reservation, the local conservation district, and the Tri-State Steelheaders was formed to address habitat deficiencies in the Walla Walla River Basin. The intent of this group is to share staff and funding to "put sound biological habitat improvement projects on the ground". Project dollars requested may be used for livestock exclusion fencing, reestablishment of riparian vegetation, noxious weed control, instream habitat improvements, or upland practices that reduce sediment input. Funding requested in this project proposal will only be used for materials and sub-contracted labor that results in direct resource benefit.</p>					

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Project Ref	Grantee	Subgrantee	Project Name	State
200088	CRITFC	Confederated Tribes and Bands of the Yaka	Little Naches River Habitat Acquisition Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Salmon Habitat Protection and Restoration	\$35,000.00	\$0.00	Yakima

Project Description

Acquisition of 320 acres of prime salmonid habitat along the Little Naches River, along with associated side channels and tributary streams. The land would be purchased from Plum Creek Timber Company. Within the property, there is approximately 4300 feet of high quality mainstem river habitat, and an equal or greater length of side channel habitat. Acquisition of the property will protect and preserve this habitat in perpetuity for fisheries production.

Project Ref	Grantee	Subgrantee	Project Name	State
200096	CRITFC	Nez Perce Tribe	Little Salmon River Passage Analysis	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Salmon Habitat Protection and Restoration	\$84,001.00	\$0.00	Salmon

Project Description

The goal of this project is to restore access to habitats within the Little Salmon watershed. The focus is the analysis of passage barriers, other than the falls that are being addressed through previous funding years within the subbasin. Populations of salmon still exist below the falls and analysis of passage barriers would be important to understand any limiting factors to production within in the basin. Passage will be analyzed using current protocols identified by the U.S. Forest Service and implemented in conjunction of the Nez Perce Tribe.

Project Ref	Grantee	Subgrantee	Project Name	State
200090	CRITFC	Confederated Tribes and Bands of the Yaka	Phase II Equipment Acquisition (Trailer)	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Salmon Habitat Protection and Restoration	\$8,000.00	\$0.00	Yakima

Project Description

Phase II purchase of good quality used trailer to haul Phase I purchase of Cat 416 backhoe/loader. This project will allow staff to implement smaller scale projects directly. Equipment will allow project staff to directly perform the majority of operation and maintenance tasks associated with hatcheries, acclimation sites, and fishways, saving project funds.

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Project Ref	Grantee	Subgrantee	Project Name	State
200087	CRITFC	Confederated Tribes of the Umatilla Indian R	Umatilla Corridor Habitat Acquisitions	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Habitat Protection and Restoration	\$150,000.00	\$0.00	Middle Columbia

Project Description

The Confederated Tribes of the Umatilla Indian Reservation Fish and Wildlife Programs have accumulated \$392,925 of Columbia River Inter-Tribal Fish Commission funds for habitat acquisition. To date, acquisition emphasis has been placed in the Iskuulpa and Buckaroo watersheds, which represent critical spawning habitat for threatened summer steelhead. Here, it is proposed to expand the acquisition opportunity base to include the floodplain of the mainstem Umatilla River and Meacham Creek. Recent work completed by the CTUIR in the Umatilla Floodplain indicates that the correlation between floodplain geomorphic diversity and cold water is strong. Therefore, securing and protecting floodplains to allow for normative processes of surface and groundwater interactions is critical in supporting CTUIR and CRITFC goals of improved salmonid production. Stream temperature has been identified as a factor limiting salmonid production in the Umatilla River, Meacham Creek, Iskuulpa Creek, and Buckaroo Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
200078	CRITFC	Confederated Tribes of the Warm Springs R	W231A Road Rocking Project (Warm Springs River Watershed Restor	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Habitat Protection and Restoration	\$11,000.00	\$0.00	Deschutes

Project Description

Project objectives will be accomplished by the stabilization of the road surface (Road W-231A) with four to twelve inches of three inch minus crushed rock, which will be packed in place. The total miles of road to be stabilized will be approximately .61 miles.

Project Ref	Grantee	Subgrantee	Project Name	State
200079	CRITFC	Confederated Tribes of the Warm Springs R	W245 Road Rocking Project (Warm Springs River Watershed Restorati	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Habitat Protection and Restoration	\$53,837.00	\$0.00	Deschutes

Project Description

Objective is to reduce the production and delivery of fine sediments into the Warm Springs River from the W-245 Road. This will be accomplished by the stabilization of the road surface with four to twelve inches of three inch minus crushed rock, which will be packed into place.

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Project Ref	Grantee	Subgrantee	Project Name	State	
200075	CRITFC	Confederated Tribes of the Warm Springs R	Warm Springs Reservation Watershed Project Maintenance III	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Habitat Protection and Restoration	\$43,863.00	\$0.00	Deschutes

Project Description					
<p>The Confederated Tribes of the Warm Springs Reservation of Oregon has built over 20 miles of riparian enclosure fencing and has installed over \$120,000 of solar water developments to keep livestock away from sensitive streambank areas. Results from these projects were not achieving desired improvements as quickly as intended for many reasons. Continued fence patrol and treatments for noxious weeds and juniper encroachments are needed to reach the desired results for these riparian protection projects. This project will be a continuation of watershed project maintenance initiated in fiscal year 2001.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
200039	CRITFC	Confederated Tribes of the Umatilla Indian R	Additional Habitat Acquisitions in Iskuulpa and Buckaroo Watersheds III	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-DEC-02 -	Salmon Habitat Protection and Restoration	\$113,570.00	\$0.00	Middle Columbia

Project Description					
<p>The purpose of habitat acquisition in the Iskuulpa and Buckaroo Watersheds is to provide perpetual protection of watershed habitat resources in watersheds containing threatened summer steelhead. The main goal of the project is to acquire up to 2,356 acres of fee lands within two watersheds on the Umatilla Indian Reservation containing spawning habitat for threatened middle-Columbia River steelhead.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
200053	CRITFC	Confederated Tribes of the Umatilla Indian R	Brownell Diversion Dam Removal Assessment	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-03 -	Salmon Habitat Protection and Restoration	\$5,000.00	\$0.00	Middle Columbia

Project Description					
<p>The Confederated Tribes of the Umatilla Indian Reservation proposes to fund an alternative analysis for removal of Brownell Diversion Dam located at rivermile 2.0 on the Umatilla River. The dam was historically the surface point of diversion for the Brownell Irrigation Ditch. This point of diversion has not been used since completion of the Umatilla Basin Project Phase I facilities in 1993. Water to the Brownell Ditch is now supplied through the Phase I facilities. A jump pool type fishway currently exists at the dam for fish passage and at medium to high flow levels fish can also swim around the structure. However, at lower flow levels the only passage avenue is the fishway. The fishway is located at mid-stream which makes access difficult for maintenance and has a relatively small opening which increases problems with debris buildup. While the dam structure is not a barrier to upstream passage there is concern that it may be causing delays, especially at lower flows. More importantly, adults are regularly observed leaping against the dam structure and it is thought to be a major source of the physical and mechanical damage observed on adults trapped at Threemile Dam.</p>					

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Project Ref	Grantee	Subgrantee	Project Name	State
200042	CRITFC	Confederated Tribes of the Umatilla Indian R	Continue Native Plant Nursery Operations for Fish Habitat Enhanceme	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-DEC-02 -	Salmon Habitat Protection and Restoration	\$25,115.00	\$0.00	Middle Columbia

Project Description

This project is a continuation of the CTUIR PCSRF project of FY 2001. The CTUIR has operated a native plant nursery for the last five years for the purpose of providing locally adapted plants for riparian restoration projects in the Umatilla, Walla Walla, and Grande Ronde basins. The nursery is in need of additional funding for operation and maintenance. The project will start with renovation of the greenhouse and exploration of an improved watering system.

Project Ref	Grantee	Subgrantee	Project Name	State
200051	CRITFC	Confederated Tribes of the Warm Springs R	Dee Irrigation District Fish Passage Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$0.00	\$0.00	Middle Columbia

Project Description

Main objective is to change the point of diversion at the Dee Irrigation District canal on the West Fork Hood River at RM 8.5. The project will move the point of diversion upstream approximately 150 feet, utilizing the gain in elevation to gravity flow the water into the canal and eliminate a rock dam in the West Fork.

Project Ref	Grantee	Subgrantee	Project Name	State
200052	CRITFC	Confederated Tribes of the Warm Springs R	East Fork Irrigation District Central Lateral Canal Project	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-03 -	Salmon Habitat Protection and Restoration	\$80,000.00	\$0.00	Middle Columbia

Project Description

This project proposes to pipe and existing open ditch, extend the pipeline down a slope, provide an inverted siphon under Neal Creek, and connect with the Eastside Ditch.

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Project Ref	Grantee	Subgrantee	Project Name	State
200047	CRITFC	Confederated Tribes of the Warm Springs R	Fifteenmile Creek Weed Treatment and Tree Planting Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-DEC-02 -	Salmon Habitat Protection and Restoration	\$3,340.00	\$0.00	Middle Columbia

Project Description

This project will enroll 1,730 feet of Fifteenmile Creek and 13.8 acres of surrounding floodplain area into the Conservation Reserve Enhancement Program (CREP), administered by the USDA. The project involves a riparian enclosure, tree planting, and maintenance of the area (weed control, etc).

Project Ref	Grantee	Subgrantee	Project Name	State
200055	CRITFC	Confederated Tribes and Bands of the Yaka	Hanson Ponds Floodplain Restoration Project on Yakima River	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	22-MAY-03 -	Salmon Habitat Protection and Restoration	\$121,000.00	\$0.00	Willamette

Project Description

Project will add one mile of side channel habitat, restore riparian habitat immediately adjacent to the river, improve channel complexity, and increase recreational opportunities. These objectives will be achieved through levee removal to allow creation of a side channel, riparian restoration, placement of large woody debris and purchase of a private parcel that is located away from the Yakama River for development of a city park. Approximately 60% of the Yakama Basin spring Chinook spawn upstream of the project area.

Project Ref	Grantee	Subgrantee	Project Name	State
200041	CRITFC	Confederated Tribes of the Umatilla Indian R	Placement of Large Wood for Habitat Enhancement in Upper Umatilla Ri	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-DEC-02 - 01-DEC-03	Salmon Habitat Protection and Restoration	\$47,315.00	\$0.00	Middle Columbia

Project Description

The goal of the project is to provide near and long-term sources of large wood to facilitate improved floodplain function and to improve threatened summer steelhead rearing success in these systems. Rearing success is limited by partial channel dewatering during base-flow periods. Helicopter services will be contracted out to install 175 whole trees to the Iskulpa and Buckaroo creek floodplains.

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Project Ref	Grantee	Subgrantee	Project Name	State	
200057	CRITFC	Confederated Tribes and Bands of the Yaka	Salmon Corps at Yakama	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$0.00	\$0.00	Yakima

Project Description

The Salmon Corps at Yakama annually serves 18 young adults, providing them a unique learning experience and allowing them to accomplish projects described in the tribal salmon recovery plan. The portion of the budget requested by the PCSRF is \$40,000 for living allowances for Corps members.

Project Ref	Grantee	Subgrantee	Project Name	State	
200040	CRITFC	Confederated Tribes of the Umatilla Indian R	South Fork Walla Walla Property Acquisition	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-DEC-02 -	Salmon Habitat Protection and Restoration	\$220,500.00	\$0.00	Middle Columbia

Project Description

The CTUIR plan to purchase the 46-acre Kentch property on the South Fork Walla Walla River. The primary goal of this acquisition is to protect the property from future development and to transfer a 13-acre, .48 cfs senior irrigation water right to a legally protected instream flow right. This will eliminate the need for a push-up dam every year. These actions will have direct benefits to the South Fork Walla Walla River, a river containing summer steelhead, bulltrout and spring chinook.

Project Ref	Grantee	Subgrantee	Project Name	State	
200064	CRITFC	Columbia River Inter-Tribal Fish Commission	Support Local Salmon Corps Projects	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$18,879.00	\$0.00	Willamette

Project Description

The Salmon Corps receives independent funding from the National Marine Fisheries Service to implement habitat restoration projects funded under the PCSRF. Projects selected by the Salmon Corps will be salmon related habitat restoration projects in the Lower Columbia River. CRITFC will cost-share with this program to assist in project implementation and inter-agency coordination.

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Project Ref	Grantee	Subgrantee	Project Name	State
200070	CRITFC	Confederated Tribes of the Umatilla Indian R	Walla Walla Instream Passage	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-DEC-03 -	Salmon Habitat Protection and Restoration	\$30,000.00	\$0.00	Middle Columbia

Project Description

Project's goal is to protect and restore habitat critical to the recovery of weak or reintroduced populations of salmonid fish within the Walla Walla River Basin. This effort will compliment ongoing efforts that include habitat restoration and protection, instream flow enhancement, hatchery supplementation/reintroduction, and juvenile and adult passage improvements. Gravel push-up dams will be eliminated, flood irrigation systems will be converted to sprinklers, and intake systems will be upgraded. Estimated water conservation will be between 5 and 10 cfs back to the river during the critical summer months.

Project Ref	Grantee	Subgrantee	Project Name	State
200048	CRITFC	Confederated Tribes of the Warm Springs R	Warm Springs Aquatic Habitat Restoration and Public Awareness Proj	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-DEC-02 -	Salmon Habitat Protection and Restoration	\$110,384.00	\$0.00	Deschutes

Project Description

The project goal is to implement actions designed to restore aquatic habitat for salmon in streams and improve tribal public awareness of aquatic habitat issues and restoration opportunities. Possible improvements include removal of an old cement head-works dam in the Shitike Creek channel, removal of old water delivery pipes that negatively influence the Shitike Creek floodplain, instream restoration in areas of heavy rip-rap, and road eradication.

Project Ref	Grantee	Subgrantee	Project Name	State
200046	CRITFC	Confederated Tribes of the Warm Springs R	Warm Springs Reservation Watershed Project Maintenance II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-DEC-02 -	Salmon Habitat Protection and Restoration	\$36,258.00	\$0.00	Deschutes

Project Description

This is a continuation of the Warm Springs Tribe PCSRF project from FY 2001. The project will implement increased fence patrol and treatments for noxious weeds and juniper encroachment for riparian protection in more than 20 miles of installed riparian enclosure fencing along the Deschutes River on the Warm Springs Reservation. Funds will provide increased fence maintenance and monitoring of solar water developments for livestock away from riparian areas.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
200054	CRITFC	Confederated Tribes and Bands of the Yaka	Wenatchee Basin Riparian Enhancement and Coho Reintroduction	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	22-MAY-03 -	Salmon Habitat Protection and Restoration	\$235,000.00	\$0.00	Upper Columbia

Project Description

Objective is to acquire property to provide a site for coho acclimation in the future to complement the mid-Columbia Coho Reintroduction Project, along with restoring other salmon populations. The intent is also to acquire office, storage, and housing facilities for Yakama Nation staff in the Wenatchee River Basin.

Project Ref	Grantee	Subgrantee	Project Name	State	
200056	CRITFC	Confederated Tribes and Bands of the Yaka	Yakima Basin Riparian and Floodplain Restoration	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	22-MAY-03 - 01-JUN-03	Salmon Habitat Protection and Restoration	\$43,523.00	\$0.00	Yakima

Project Description

Currently, non-native invasive plant species are widespread throughout the Yakima Basin. Russian Olive, a large deciduous tree, has spread across thousands of acres of floodplain in Toppenish, Satus, and Ahtanum Creeks. Existing efforts to control the spread and eliminate Russian Olive are inadequate and require the use of heavy equipment such as a bulldozer. It is proposed to purchase a bulldozer to double efforts toward eradication of Russian Olive.

Project Ref	Grantee	Subgrantee	Project Name	State	
200025	CRITFC	Confederated Tribes of the Umatilla Indian R	Assistance to Native Plant Nursery for Fish Habitat Enhancement I	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-01 -	Salmon Habitat Protection and Restoration	\$55,000.00	\$0.00	Middle Columbia

Project Description

The CTUIR operated native plant nursery is in need of additional funding for operation and maintenance.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200027	CRITFC	Confederated Tribes of the Warm Springs R	Farmers Irrigation District Screen Replacement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-DEC-01 - 01-SEP-02	Salmon Habitat Protection and Restoration	\$40,000.00	\$0.00	Middle Columbia

Project Description
Farmers Irrigation District serves irrigation water to nearly 5000 acres of orchard land in the Hood River subbasin. The main supply canal for this water is Farmers Canal, an 80 cfs diversion on the mainstem Hood River. The diversion is currently screened with two rotary drums that fail to meet Federal and State standards. The goal of this project is to purchase a new screen consisting of a horizontal plane, and perforated plate screen that will extend from the entrance canal over a stilling basin.

Project Ref	Grantee	Subgrantee	Project Name	State
200024	CRITFC	Confederated Tribes of the Umatilla Indian R	Habitat Acquisition in Iskuulpa (formerly Squaw Creek) and Buckaroo	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-01 -	Salmon Habitat Protection and Restoration	\$343,925.00	\$0.00	Middle Columbia

Project Description
The purpose of habitat acquisition in the Iskuulpa and Buckaroo Watersheds is to provide perpetual protection of watershed habitat resources in watersheds containing threatened summer steelhead.

Project Ref	Grantee	Subgrantee	Project Name	State
200032	CRITFC	Confederated Tribes and Bands of the Yaka	Hanson Ponds Floodplain Restoration Project on the Yakima River I	ID

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-DEC-01 -	Salmon Habitat Protection and Restoration	\$273,682.00	\$0.00	Clearwater

Project Description
Project will add one mile of side channel habitat, restore riparian habitat immediately adjacent to the river, improve channel complexity, and increase recreational opportunities. These objectives will be achieved through levee removal to allow creation of a side channel, riparian restoration, placement of large woody debris and purchase of a private parcel that is located away from the Yakama River for development of a city park. Approximately 60% of the Yakama Basin spring Chinook spawn upstream of the project area.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200028	CRITFC	Confederated Tribes of the Warm Springs R	John Forrest Ranch Lease	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-DEC-01 - 01-JUL-02	Salmon Habitat Protection and Restoration	\$50,000.00	\$0.00	John Day

Project Description

The CTWSRO have been working to acquire the Forrest Ranch for several years. There is an immediate need to lease the property from the landowner until the property is formally acquired to protect fish and aquatic resources that continue to be threatened from continued grazing. Protection of this property is a high priority for the CTWSRO.

Project Ref	Grantee	Subgrantee	Project Name	State
200021	CRITFC	Nez Perce Tribe	Protect Anadromous Fish Habitat within Mill & John's Creeks	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-JAN-02 - 24-NOV-03	Salmon Habitat Protection and Restoration	\$84,000.00	\$0.00	Clearwater

Project Description

Protect critical fish habitat from further degradation by cattle grazing through the replacement and construction of new riparian protection/cattle exclusion fencing. Both fencing projects will consist of post-and-rail and barbed wire fence, each approximately 2 miles in length. Each project will protect .75 miles of meadow stream where spawning and rearing are critical.

Project Ref	Grantee	Subgrantee	Project Name	State
200031	CRITFC	Confederated Tribes and Bands of the Yaka	Starvation Flats Floodplain Restoration Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 - 01-NOV-02	Salmon Habitat Protection and Restoration	\$53,243.00	\$0.00	Yakima

Project Description

Project objectives will be achieved through the removal of an improperly functioning culvert, installation of a stream ford, removal and relocation of a floodplain road, and implementation of bioengineered channel stabilization measures.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200022	CRITFC	Nez Perce Tribe	Wallowa County Culvert Inventory	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	02-JAN-02 -	Salmon Habitat Protection and Restoration	\$174,925.00	\$0.00	Lower Snake

Project Description
Over 1,128 culverts in Wallowa County have been identified as needing a survey. Project will focus on those with fish passage issues in order to assess and prioritize rehabilitation work.

Project Ref	Grantee	Subgrantee	Project Name	State
200030	CRITFC	Confederated Tribes of the Warm Springs R	Warm Springs Reservation Watershed Project Maintenance I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-DEC-01 -	Salmon Habitat Protection and Restoration	\$77,910.00	\$0.00	Deschutes

Project Description
Increase fence patrol and treatments for noxious weeds and juniper encroachment for riparian protection in over 20 miles of riparian enclosure fencing along the Deschutes River on the Warm Springs Reservation.

Project Ref	Grantee	Subgrantee	Project Name	State
200013	CRITFC	Confederated Tribes and Bands of the Yaka	Ahtanum Creek Fencing and Riparian Revegetation	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-DEC-00 -	Salmon Habitat Protection and Restoration	\$74,500.00	\$0.00	Yakima

Project Description
In order to reverse habitat degradation in Ahtanum Creek due to grazing impacts, the Yakama Nation will fence about 14 miles of the creek, along with revegetating the riparian zone along this stretch of creek. Construction of 9 off-channel stock watering sites are proposed as well.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200003	CRITFC	Confederated Tribes of the Umatilla Indian R	Iskuulpa Creek (formerly Squaw Creek) and Minthorn Springs Acquisiti	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-OCT-00 -	Salmon Habitat Protection and Restoration	\$198,354.00	\$0.00	Middle Columbia

Project Description
 Habitat acquisition in the Squaw Creek Subbasin to provide perpetual protection of spawning and rearing habitat. The subbasin contains approximately 23 miles of anadromous and resident fish habitat and over 50 miles riverine habitat. The objective is to obtain fee title to five parcels totalling 612 acres that are under eminent threat of timber harvest. Initial purchase of 80 acres complete. Remaining of project is expected to be completed by November 2003.

Project Ref	Grantee	Subgrantee	Project Name	State
200011	CRITFC	Confederated Tribes of the Warm Springs R	John Day Watershed Restoration Program	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-DEC-00 - 30-SEP-01	Salmon Habitat Protection and Restoration	\$38,827.00	\$0.00	John Day

Project Description
 Construction of riparian corridor fences on the John Forrest Ranch, located on the upper mainstem and Middle Fork John Day rivers. The Forrest property is important for the recovery of several fish species in the John Day river basin.

Project Ref	Grantee	Subgrantee	Project Name	State
200004	CRITFC	Confederated Tribes of the Umatilla Indian R	Mission Creek Fish Passage Improvement	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-OCT-00 - 30-NOV-01	Salmon Habitat Protection and Restoration	\$11,300.00	\$0.00	Middle Columbia

Project Description
 Overall project goal is to enhance habitat for improved natural production of anadromous salmonids in the Umatilla River Basin. The primary objective is to provide summer steelhead (mid Columbia Evolutionary Significant Unit of summer steelhead, currently listed as threatened under the ESA), access to historical spawning and rearing habitat in the Mission Creek Subwatershed by replacing a county road culvert in the upper Mission Creek Drainage with a bottomless, arch culvert.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200000	CRITFC	Nez Perce Tribe	Restore Habitat Access within Lolo Creek Watershed	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-OCT-00 - 24-NOV-03	Salmon Habitat Protection and Restoration	\$150,000.00	\$0.00	Clearwater

Project Description

A culvert survey was conducted to determine culvert replacement sites. Two culverts were replaced within Mox and Chamook creeks (both in the Lolo Creek drainage area) in July 2001. Both culverts, prior to replacement, were velocity barriers due to undersized condition. Newly installed culverts are squash pipes sized for 100+ year flood events. Two more culvert replacements occurred during the 2002 field season (Musselshell Creek tributary and Gold Creek). Replacement of the four culverts made more than 6.5 miles of rearing habitat available to chinook salmon, steelhead, and cutthroat trout. Two more culverts to be in place by August 15, 2003. Project is expected to be completed by fall 2003.

Project Ref	Grantee	Subgrantee	Project Name	State
200005	CRITFC	Confederated Tribes of the Umatilla Indian R	Walla Walla Instream Passage	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	-	Salmon Habitat Protection and Restoration	\$0.00	\$0.00	Middle Columbia

Project Description

Project's goal is to protect and restore habitat critical to the recovery of weak or reintroduced populations of salmonid fish within the Walla Walla River Basin. This effort will compliment ongoing efforts that include habitat restoration and protection, instream flow enhancement, hatchery supplementation/reintroduction, and juvenile and adult passage improvements. Gravel push-up dams will be eliminated, flood irrigation systems will be converted to sprinklers, and intake systems will be upgraded. Estimated water conservation will be between 5 and 10 cfs back to the river during the critical summer months.

Project Ref	Grantee	Subgrantee	Project Name	State
200006	CRITFC	Confederated Tribes of the Umatilla Indian R	Whiskey Creek Fish Passage Improvement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-OCT-00 - 01-SEP-01	Salmon Habitat Protection and Restoration	\$8,500.00	\$0.00	Middle Columbia

Project Description

The objective is to evaluate available habitat for salmonid fish in Whiskey Creek through the removal of a migrational barrier to adult and juvenile fishes.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
200094	CRITFC	Confederated Tribes and Bands of the Yaka	PCSRF Administration Assistance and Yakama Nation Staff Coordinati	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Watershed and Sub-basin Planning and Assessment	\$51,821.00	\$0.00	Yakima

Project Description

Provide funding for administrative assistance and bookkeeping for proposed and on-going PCSRF projects, and staff coordination for future PCSRF activities.

Project Ref	Grantee	Subgrantee	Project Name	State	
200081	CRITFC	Confederated Tribes of the Umatilla Indian R	Staff Support for PCSRF Project Coordination, Consultation & Outreac	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Watershed and Sub-basin Planning and Assessment	\$77,185.00	\$0.00	Middle Columbia

Project Description

The Confederated Tribes of the Umatilla Indian Reservation propose to fund one half FTE of staff support to assist with implementation of PCSRF projects and to provide ESA consultation support on all Pacific salmon related projects implemented by the CTUIR.

Project Ref	Grantee	Subgrantee	Project Name	State	
200059	CRITFC	Confederated Tribes and Bands of the Yaka	Engineering Assessment of Lower Entiat River Project	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	22-MAY-02 -	Watershed and Sub-basin Planning and Assessment	\$5,000.00	\$0.00	Upper Columbia

Project Description

The Entiat River Comprehensive Management Plan identified 80+ projects that would benefit summer and spring chinook and steelhead in the lower 18 miles of the Entiat River. The issue is that an engineering assessment for these projects is needed. This proposal would provide engineering money to the Chelan Conservation District engineer for planning and designing these projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200063	CRITFC	Confederated Tribes and Bands of the Yaka	Klickitat Hatchery Fish Culturist	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-03 -	Watershed and Sub-basin Planning and Assessment	\$40,000.00	\$0.00	Middle Columbia

Project Description

The purpose of this project is to fund a key Fish Culturist IV position at the Klickitat Hatchery. Currently this position is funded under Yakama Nation Tribal funding. The existing funding has been cut back severely and can only carry this position through FY 2003. Realignment of the Salmon Corps grant (project #2002-4-04) will allow this position to be carried through FY 2004. In FY 2005 the Klickitat Hatchery will be transitioned to the Yakama Nation for incorporation in to the YKFP. At that time, this Fish Culturist position will be assimilated into Mitchell Act hatchery budget, which the YN will administer.

Project Ref	Grantee	Subgrantee	Project Name	State
200036	CRITFC	Nez Perce Tribe	Little Salmon Falls Adjustment	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	03-DEC-02 -	Watershed and Sub-basin Planning and Assessment	\$135,544.00	\$0.00	Salmon

Project Description

Completion of a feasibility study for the Little Salmon Falls River adjustment, completion of NEPA analysis on the falls adjustment, completion of Little Salmon Watershed Aquatic Assessment.

Project Ref	Grantee	Subgrantee	Project Name	State
200058	CRITFC	Confederated Tribes and Bands of the Yaka	Prosser Heavy Equipment	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	22-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$57,000.00	\$0.00	Yakima

Project Description

Acquisition of a backhoe loader is required for the operation and maintenance of production/acclimation facilities key to the reintroduction of anadromous fish species in the Yakama and Klickitat Basins. This piece of equipment would be utilized at all Tribal and YKFP facilities involved in fish restoration activities including the construction of settling ponds to meet federal clean water requirements, reduction of sediment influx into the production facilities and the creation of acclimation sites in the Yakima and Klickitat River sub-basins, including their tributaries. While a portion of this work is geared toward Coho, which is not an ESA listed species in the Basins, Coho has been shown to be an important source of ocean derived nutrients which are lacking in the basins and important for the recovery of other listed species including Bull Trout, Steelhead and a variety of terrestrial species.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200001	CRITFC	Nez Perce Tribe	Cottonwood Creek Acclimation Facility Modifications for Fall Chinook	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-OCT-00 -	Watershed and Sub-basin Planning and Assessment	\$87,500.00	\$0.00	Lower Snake

Project Description

Project's goal is to improve adult returns of fall Chinook to the Grande Ronde River with the intent of enhancing natural production. These fish will contribute to the naturally produced Snake River fall Chinook returning above Lower Granite toward the delisting goal of 2,500 (geometric means over 8 years). To facilitate acclimation of fall Chinook it would be necessary to modify the Cottonwood Creek Facility by developing an intake and water supply line from the mainstem Grande Ronde River. Project expected to be completed by June 2004.

Project Ref	Grantee	Subgrantee	Project Name	State
200076	CRITFC	Confederated Tribes of the Warm Springs R	Fish Production Assessment on the Warm Springs Reservation III	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Enhancement	\$212,507.00	\$0.00	Deschutes

Project Description

Many species of anadromous and resident fish occur throughout the streams of the Warm Springs Reservation. Two of the major tributary drainages in the Deschutes River Basin, Warm Springs River and Shitike Creek, exist almost entirely within the boundaries of the Warm Springs Reservation. Much of the natural production of spring Chinook salmon and steelhead, the primary target species in Tribal subsistence and sport fisheries in the basin, occurs in those waters. Additionally, the Warm Springs National Fish Hatchery produces up to three quarters of a million spring Chinook smolts annually to supplement natural production and to provide fish for harvest. Beginning in 2000, excess returning hatchery spring Chinook adults have been outplanted into Shitike Creek to supplement spawning escapement. Ongoing assessment and expanded monitoring of these programs are the primary activities to be completed for this project.

Project Ref	Grantee	Subgrantee	Project Name	State
200095	CRITFC	Nez Perce Tribe	Nez Perce Tribe Clearwater River Coho Salmon Reintroduction Project	OR/ ID

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Salmon Enhancement	\$407,299.00	\$0.00	Clearwater

Project Description

This project utilizes supplementation technology to trap, spawn, rear and release smolts from brood stock collected within the Clearwater River Subbasin. The focus of the monitoring and evaluation aspects of the project is to monitor and evaluate the results of coho salmon production so that operations can be adaptively managed to optimize hatchery and natural production, and minimize deleterious ecological impacts.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
200086	CRITFC	Confederated Tribes of the Umatilla Indian R	Ringold Springs Hatchery Spring Chinook Production for Reintroductio	ID	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Enhancement	\$179,115.00	\$0.00	Clearwater

Project Description

The Confederated Tribes of the Umatilla Indian Reservation proposes to fund Washington Department of Fish and Wildlife to rear and release 500,000 Carson stock spring chinook smolts at Ringold Springs Hatchery. The primary goal of this program is to provide a source of spring chinook adults for reestablishment efforts in the Walla Walla Basin. Returning adults from these releases would be transferred to the Walla Walla Basin and outplanted for natural spawning augmentation. This program would provide a source of spring chinook for natural production in the Walla Walla Basin during the interim period prior to establishment of an in-basin artificial production program.

Project Ref	Grantee	Subgrantee	Project Name	State	
200038	CRITFC	Nez Perce Tribe	Coho Salmon Production in the Clearwater River II	OR/ ID	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	03-DEC-02 -	Salmon Enhancement	\$283,456.00	\$0.00	Clearwater

Project Description

Fund hatchery production costs for a program to restore coho salmon in the Snake River Basin to levels of abundance and productivity sufficient to support sustainable runs and annual tribal and non-tribal harvest.

Project Ref	Grantee	Subgrantee	Project Name	State	
200050	CRITFC	Confederated Tribes of the Warm Springs R	Fish Production Assessment on the Warm Springs Reservation II	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-DEC-02 -	Salmon Enhancement	\$240,418.00	\$0.00	Deschutes

Project Description

This project is a continuation of the Warm Springs Tribe PCSRF project in FY 2000. This project has the following goals: 1) monitor production of anadromous salmonids from reservation streams, and 2) conduct Shitike Creek spring Chinook outplanting and evaluation. The project work includes repairing traps for continuous sampling, hiring fish technicians, purchasing related supplies and fish transport tank accessories, tagging adult chinook, and conducting inventory of juvenile salmonids in the Shitike Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
200043	CRITFC	Confederated Tribes of the Umatilla Indian R	Ringold Springs Hatchery Spring Chinook Production for Reintroductio	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	17-DEC-02 -	Salmon Enhancement	\$178,000.00	\$0.00	Middle Columbia

Project Description

Project would reinitiate a spring chinook release program of 500,000 yearling smolts at the Washington Department of Fish and Wildlife Ringold Springs Hatchery. Broodstock collection, incubation, and early rearing would take place at a different facility, most likely a U.S. Fish and Wildlife Service hatchery in the mid-Columbia region. Fingerlings would be transferred to Ringold Springs for final rearing and release. Adults returning to Ringold Springs would be trapped and transported to the CTUIR South Fork Walla Walla brood facility for holding prior to being outplanted in the Walla Walla Subbasin.

Project Ref	Grantee	Subgrantee	Project Name	State	
200023	CRITFC	Nez Perce Tribe	Coho Salmon Production in the Clearwater River I	OR/ ID	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-DEC-01 -	Salmon Enhancement	\$140,000.00	\$0.00	Clearwater

Project Description

Fund hatchery production costs for a program to restore coho salmon in the Snake River Basin.

Project Ref	Grantee	Subgrantee	Project Name	State	
200029	CRITFC	Confederated Tribes of the Warm Springs R	Development and Implementation of Warm Springs Salmon Production	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-DEC-01 -	Salmon Enhancement	\$198,732.00	\$0.00	Deschutes

Project Description

Focus on salmon production issues on the Warm Springs Reservation and throughout the Deschutes River Watershed. Outplanting of available spring Chinook salmon into Shitike Creek. The project area includes the lower 15 miles of Shitike Creek with release locations at various access points. The project also includes the examination of the feasibility of re-introduction of salmon upstream of the hydropower projects on the Deschutes River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200014	CRITFC	Confederated Tribes and Bands of the Yaka	Castile Falls Passage Improvement Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-DEC-00 - 15-JUN-02	Salmon Enhancement	\$63,081.00	\$0.00	Middle Columbia

Project Description
 Facilitate increased fish passage over Castile Falls making 45 miles of spawning and rearing habitat for spring chinook and approximately 60 miles for steelhead (federally threatened stock). Project funds will be used to augment existing funds to reconstruct two tunnel fishways, a single above ground fishway, installation of a new Alaskan steep-pass fishway, construct a walkway to adhere to new safety requirements, and facilitate proper maintenance and road improvements for year round access to the facility.

Project Ref	Grantee	Subgrantee	Project Name	State
200002	CRITFC	Nez Perce Tribe	Coho Salmon Monitoring and Evaluation in the Clearwater River I	OR/ ID

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	26-OCT-00 - 30-NOV-02	Salmon Enhancement	\$200,000.00	\$0.00	Clearwater

Project Description
 Monitoring and evaluation of coho salmon releases will provide information necessary to determine the best implementation strategies that result in returning broodstock development, fisheries and natural production. The M&E approach is primarily designed to collect basic information on smolt to adult survival rates (SAR's) and adult returns to tributary streams. SAR's would be determined from several different rearing and release strategies. Adult returns from coded wire tag acclimated smolt release, direct stream smolt release and parr release strategies would be documented.

Project Ref	Grantee	Subgrantee	Project Name	State
200009	CRITFC	Confederated Tribes of the Warm Springs R	Fish Production Assessment on the Warm Springs Reservation I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-DEC-00 - 31-DEC-02	Salmon Enhancement	\$225,782.00	\$0.00	Deschutes

Project Description
 Monitor production of anadromous salmonids from reservation streams, conduct Shitike Creek spring Chinook outplant and evaluation, and develop and implement a terminal fisheries project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200007	CRITFC	Confederated Tribes of the Umatilla Indian R	Fish Transportation Vehicle	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	27-OCT-00 - 01-SEP-03	Salmon Enhancement	\$216,846.00	\$0.00	Middle Columbia

Project Description
 Fish transportation units are at a premium in the Columbia Basin. In many cases, adults and/or juveniles are hauled based on transportation availability rather than biological requirements. Many new programs being implemented such as adult outplanting and remote site broodstock trapping have transportation requirements. Additional trucks are needed so that fish movements are not constrained by transportation logistics. A 3,500 gallon tractor-trailer transport unit is needed to assist in a wide variety of tribal fish restoration activities.

Project Ref	Grantee	Subgrantee	Project Name	State
200016	CRITFC	Confederated Tribes and Bands of the Yaka	Klickitat Rearing Troughs	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 28-FEB-02	Salmon Enhancement	\$9,919.00	\$0.00	Middle Columbia

Project Description
 Purchase and install three rearing troughs at the Klickitat Hatchery allowing for rearing of 300,000 steelhead fry and resulting in reduced flow demand and densities for outside rearing of fall chinook.

Project Ref	Grantee	Subgrantee	Project Name	State
200010	CRITFC	Confederated Tribes of the Warm Springs R	On-Reservation Habitat Restoration (Shade covers for Raceways at t	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-02 - 30-APR-02	Salmon Enhancement	\$61,086.00	\$0.00	Deschutes

Project Description
 Goal is to reduce impacts of direct sunlight exposure to juvenile salmon at WSNFH by providing overhead shade covers. It will reduce raceway water temperatures, eliminate exposure to ultraviolet radiation, and create more natural rearing conditions.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200015	CRITFC	Confederated Tribes and Bands of the Yaka	Swale Creek Acclimation Site Development	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-DEC-00 - 02-JAN-02	Salmon Enhancement	\$240,000.00	\$0.00	Middle Columbia

Project Description
 Purchase 5.45 acres with an in-kind contribution of an additional 3.5 adjoining acres by WDFW for the purpose of developing a coho acclimation site. Ancillary benefits include protection of aquatic habitats and adjacent uplands. It will also aid in the development of the YKFP/Klickitat Watershed Center to station acclimation site workers, and provide office space.

Project Ref	Grantee	Subgrantee	Project Name	State
200017	CRITFC	Confederated Tribes and Bands of the Yaka	Washougal Coho Production (Mitchell Act Facility)	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-DEC-00 - 01-JUN-01	Salmon Enhancement	\$50,000.00	\$0.00	Lower Columbia

Project Description
 Project complements an on-going coho reintroduction program that utilizes the Washougal Hatchery, a Mitchell Act facility managed by WDFW.

Project Ref	Grantee	Subgrantee	Project Name	State
200077	CRITFC	Confederated Tribes of the Warm Springs R	A Mark-Recapture Experiment to Improve the Escapement Estimate of	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Research, Monitoring, and Evaluation	\$130,093.00	\$0.00	Deschutes

Project Description
 The goal of this project is to estimate the escapement of large adult fall chinook salmon to the Deschutes River, Oregon. A modified Peterson two-event mark-recapture experiment will be conducted to estimate the spawning abundance of the 2005 brood year. During the first sampling event, adults will be captured and tagged in a set gill net fished downstream of the majority of spawning. The second event involved sampling for tagged adults during whole river carcass surveys, at Sherar's falls and Pelton traps and during creel surveys. The escapement estimate will be compared to the existing escapement methodology currently used by the Confederated Tribes of the Warm Springs Reservation, Oregon and the Oregon Department of Fish and Wildlife to estimate the abundance of adult fall chinook salmon in the Deschutes River. This project has been implemented annually since 2001.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
200073	CRITFC	Columbia River Inter-Tribal Fish Commission	Artificial Production/Supplementation R/M/E	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Salmon Research, Monitoring, and Evaluation	\$74,620.00	\$0.00	Willamette

Project Description

This project would put together a CRITFC/intertribal R/M/E team that would provide assistance and strength to individual tribal programs dealing with complex scientific and monitoring issues by adding a layer of coordination and collaboration needed to preemptively address regional processes and scientific data needs.

Project Ref	Grantee	Subgrantee	Project Name	State	
200091	CRITFC	Confederated Tribes and Bands of the Yaka	Evaluation of Spawner Effectiveness of Hatchery-Reared and Natural	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Salmon Research, Monitoring, and Evaluation	\$120,000.00	\$0.00	Upper Columbia

Project Description

Using supplementation as a tool for rebuilding salmon populations is a central theme in most tribal salmon recovery plans. Critics of supplementation suggest that hatchery-reared fish may exhibit reduced reproductive success compared to the natural origin component of the run and therefore may contribute to further population declines. Improvements in laboratory equipment, discovery of informative loci, and advancement of statistical techniques make it possible to assign parents to individual progeny. Combining this powerful genetic assessment tool with effective fish weirs and traps allows us to directly measure the reproductive contribution of hatchery-origin fish and compare that to natural-origin individuals. These data will provide important validation of the tribes recovery approach. Project tasks involve the collection of chinook salmon at screw traps and collection of DNA tissue for pedigree analysis.

Project Ref	Grantee	Subgrantee	Project Name	State	
200072	CRITFC	Columbia River Inter-Tribal Fish Commission	Fall Chinook Stock Composition	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Salmon Research, Monitoring, and Evaluation	\$116,886.00	\$0.00	Willamette

Project Description

This project is an integral part of CRITFC's approved PSC research strategy. It includes genetic stock identification, analysis of tribal fisheries stock composition and run time and genetic divergence of chinook races.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
200085	CRITFC	Confederated Tribes of the Umatilla Indian R	Hydrological Assessment for Buckaroo Creek Alluvial Fan	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-NOV-03 -	Salmon Research, Monitoring, and Evaluation	\$10,000.00	\$0.00	Middle Columbia

Project Description

The Confederated Tribes of the Umatilla Indian Reservation propose to conduct a hydrological assessment of the mouth of Buckaroo Creek in preparation for future design phase. Flooding and overbank flows combined with degraded stream conditions along Buckaroo Creek near the confluence with the Umatilla River have raised concerns with the function of the stream channel and riparian area.

Project Ref	Grantee	Subgrantee	Project Name	State	
200068	CRITFC	Columbia River Inter-Tribal Fish Commission	Clearing Backlog of Genetic Analyses	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$63,604.00	\$0.00	Willamette

Project Description

This projects work is complimentary to the contracted monitoring and evaluation support CRITFC is doing with the tribes, presently focusing on population genetics and risk/benefit analyses. Due to staff turnover, equipment failure and prioritization of "Urgently needed" research, we've experienced an unwieldy accumulation of samples and are falling dangerously behind in our analyses. In addition, several important new initiatives are in the pipeline and about to come online, including increased collaboration with non-CRITFC tribes, Alaska's SSSF, and additional tribal M/E responsibilities. Hiring technicians and providing for additional equipment pieces would go a long way in catching up in the schedule.

Project Ref	Grantee	Subgrantee	Project Name	State	
200037	CRITFC	Nez Perce Tribe	Coho Salmon Monitoring and Evaluation in the Clearwater River II		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	03-DEC-02 -	Salmon Research, Monitoring, and Evaluation	\$210,000.00	\$0.00	Clearwater

Project Description

The goal of the monitoring and evaluation program is to monitor and evaluate the results of the reintroduction program so that operations can be adaptively managed to optimize hatchery and natural production, and minimize deleterious ecological impacts.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
200069	CRITFC	Columbia River Inter-Tribal Fish Commission	Continued Research on Artificial Production Genetics and Life History I	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$60,885.00	\$0.00	Willamette

Project Description

Project will complement CRITFC's efforts under the contracted monitoring and evaluation support they are providing for the Tribes, presently focusing on population genetics and risk/benefit analyses.

Project Ref	Grantee	Subgrantee	Project Name	State	
200066	CRITFC	Columbia River Inter-Tribal Fish Commission	Coordination of Production Issues and Regional Processes	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$66,127.00	\$0.00	Willamette

Project Description

Regional discussions on the determination of criteria and goals for restoration has become a priority, in conjunction with refinement of tribal restoration goals. Federal Rulemaking for the role Artificial Propagation plays in listing/delisting decisions under the ESA, and represents an opportunity to introduce flexibility to ensure full implementation of tribal programs. CRITFC has organized a number of workshops to address such issues in the context of the Columbia River Fish Management Plan under US v. Oregon as well as the ESA. In addition, we have an opportunity to determine how hatchery-reared or hatchery-bred fish are to count towards restoration for the purpose of recovery of listed populations.

Project Ref	Grantee	Subgrantee	Project Name	State	
200049	CRITFC	Confederated Tribes of the Warm Springs R	Deschutes River Fall Chinook Salmon Coded Wire Tagging Project	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-DEC-02 -	Salmon Research, Monitoring, and Evaluation	\$158,600.00	\$0.00	Deschutes

Project Description

Objective is to mark and coded-wire tag a minimum of 40,000 Deschutes River juvenile fall Chinook salmon from the 2003 brood year during the spring of 2004.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200067	CRITFC	Columbia River Inter-Tribal Fish Commission	Fall Chinook Stock Composition	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$149,505.00	\$0.00	Willamette

Project Description
Stringent and rigorous analysis of the stock composition of chinook in the tribal fisheries.

Project Ref	Grantee	Subgrantee	Project Name	State
200061	CRITFC	Confederated Tribes and Bands of the Yaka	Rock Creek Assessment and Project Development	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	22-MAY-03 -	Salmon Research, Monitoring, and Evaluation	\$50,000.00	\$0.00	Middle Columbia

Project Description
The potential for a significant population of ESA listed Mid-Columbia steelhead to utilize the Rock Creek watershed was identified in initial assessment work completed in the watershed. This project will supplement past assessment activities through the surveying of watershed conditions for the listed steelhead, along with identifying and prioritizing future watershed enhancement projects.

Project Ref	Grantee	Subgrantee	Project Name	State
200060	CRITFC	Confederated Tribes and Bands of the Yaka	Water Quality Monitoring in Water Resource Inventory Areas 29, 30 an	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	22-MAY-03 -	Salmon Research, Monitoring, and Evaluation	\$44,000.00	\$0.00	Middle Columbia

Project Description
The purpose of this project is to complete detailed surveys of water quality throughout WRIA's 29, 30 and 31 to contribute to the existing data and generate baseline data on many areas within the WRIA's that currently have no information available. Water quality information is necessary to provide technical data to assist and develop accurate decisions to be implemented when considering management or watershed planning. The information can help pave the way for new innovative research studies and ideas. Furthermore, it can enhance the data base for 303d listed streams, temperature modeling for both hydro and diversion dams, temperature modeling for buffer zones and ground water influences along with many other valuable uses.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200026	CRITFC	Confederated Tribes of the Warm Springs R	Aerial Thermal Infrared and Color Videography of Anadromous Stream	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-01 - 01-AUG-01	Salmon Research, Monitoring, and Evaluation	\$32,283.00	\$0.00	Deschutes

Project Description

FLIR (forward looking infrared) technology is proven to be a highly portable and cost effective method to collect detailed data over large areas in a short time period. The combination of temporally and spatially continuous data provides a useful tool for understanding the dynamics of stream temperature across a watershed. The information will be used to identify areas on the Warm Springs Reservation that may require restoration and to provide additional protection for areas that are providing cold water.

Project Ref	Grantee	Subgrantee	Project Name	State
200035	CRITFC	Columbia River Inter-Tribal Fish Commission	Continued Research on Artificial Production Genetics and Life History	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-DEC-01 - 01-JUN-02	Salmon Research, Monitoring, and Evaluation	\$188,045.00	\$0.00	Willamette

Project Description

This project focuses on population genetics and risk/benefit analyses complimenting the continuing contracted monitoring and evaluation support CRITFC is doing with the Tribes. The project will include: development of artificial propagation guidelines, exploration and publication of a paper on the potential for reduced effective population size in supplemented populations, domestication research strategy, and limiting factor analysis and research strategy.

Project Ref	Grantee	Subgrantee	Project Name	State
200033	CRITFC	Confederated Tribes and Bands of the Yaka	Evaluation of Supplementation Programs: Sampling Columbia River Tre	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-01 -	Salmon Research, Monitoring, and Evaluation	\$72,000.00	\$0.00	Upper Columbia

Project Description

Enhance the monitoring and evaluation of supplementation programs in the upper Columbia Basin by collecting wire tags and mark data from the landed catch in treaty Indian subsistence and commercial fisheries in Zone 6 of the Columbia River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200020	CRITFC	Columbia River Inter-Tribal Fish Commission	Artificial Production Guidelines I	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 01-JUN-01	Salmon Research, Monitoring, and Evaluation	\$95,000.00	\$0.00	Willamette

Project Description
 This project provided for the development of artificial propagation guidelines to better define the position of CRITFC with respect to CRFMP negotiations, the NMFS Artificial Propagation Rulemaking, state wild fish policies and general discussion with environmental groups.

Project Ref	Grantee	Subgrantee	Project Name	State
200012	CRITFC	Confederated Tribes of the Warm Springs R	Improve Methodology for Estimating Fall Chinook Populations	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 30-DEC-01	Salmon Research, Monitoring, and Evaluation	\$111,805.00	\$0.00	Deschutes

Project Description
 Project is a mark-recapture experiment for estimating adult fall Chinook salmon escapement to the Deschutes River, Oregon.

Project Ref	Grantee	Subgrantee	Project Name	State
200019	CRITFC	Columbia River Inter-Tribal Fish Commission	Risk/Benefit Methodologies	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 01-JUN-01	Salmon Research, Monitoring, and Evaluation	\$95,000.00	\$0.00	Willamette

Project Description
 Primary purpose was to create a set of analyses that can be used to determine if supplementation programs are warranted; to guide implementation of supplementation programs; and to estimate the effects of different propagation alternatives.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
200089	CRITFC	Confederated Tribes and Bands of the Yaka	LaSalle Coho Hatchery and Education Facility	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Public Outreach and Education	\$33,390.00	\$0.00	Yakima

Project Description

LaSalle High School has agreed to allow construction of a coho hatchery and rearing facility dedicated to enhancement and education. Construction will entail building a 25x25 foot rearing shed that will contain egg incubators, one small raceway, and two large circular rearing tanks. A well would be dug adjacent to building to supply needed ground water into the facility. In addition, a 40x6 foot raceway would be placed outside. The target number of parr to be released is 10 to 30 thousand per year. Coho will be placed into the shed as eyed eggs, and reared until parr stage; they will then be placed into the raceway and held until September. Scatter planting of the coho parr will coincide with the beginning of LaSalle's school year. The students will help plant the parr into various beaver dam complexes throughout the mainstem of Ahtanum Creek.

Project Ref	Grantee	Subgrantee	Project Name	State	
200044	CRITFC	Confederated Tribes of the Umatilla Indian R	Natural Resource Public Education - Salmon Walk Expedition Events	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 - 16-AUG-03	Public Outreach and Education	\$9,500.00	\$0.00	Middle Columbia

Project Description

The CTUIR, Department of Natural Resources staff, are providing education and outreach regarding the programs and projects within DNR, specifically salmon recovery projects. The CTUIR staff will have a significant focus on CTUIR Fisheries and Wildlife programs. Staff will develop and implement an environmental outreach plan that addresses two general audiences within the CTUIR ceded territory: 1) students grades K-5 and 2) area residents of legal voting age. The goal of the outreach program is based on the Umatilla Basin Project, cooperation between geographic neighbors, and in making community-based decisions that protect the Umatilla River and other waters for all beneficial uses.

Project Ref	Grantee	Subgrantee	Project Name	State	
200062	CRITFC	Confederated Tribes and Bands of the Yaka	Public Information Specialist for Yakama Nation Salmon Recovery Effo	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	22-MAY-03 -	Public Outreach and Education	\$33,477.00	\$0.00	Yakima

Project Description

The Yakama Nation firmly believes that sound education is key to gaining and maintaining public support for the salmon recovery of their trust resources. This education translates into better access to and communication with tribal and non-tribal governments, state agencies, and the public. This will lead to future collaborations with diverse stakeholders and in developing broad base support for the PCSRF salmon recovery efforts. Public support is key to implementing successful PCSRF projects that have long-term benefits for all stakeholders.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
200008	CRITFC	Confederated Tribes of the Umatilla Indian R	Salmon Walk	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 19-AUG-00	Public Outreach and Education	\$2,500.00	\$0.00	Middle Columbia

Project Description
 The catalyst for Salmon Walk is the successful recovery of salmon to the Umatilla River that were extinct for more than 70 years, and the restored ability to practice vital tribal ways on and off the Umatilla Indian Reservation. In August 2000, a major public education event was held to carry out this goal along with many other local collaborators.

Project Ref	Grantee	Subgrantee	Project Name	State	
200074	CRITFC	Columbia River Inter-Tribal Fish Commission	Coordination of the Pacific Coastal Salmon Recovery Fund	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Program Administration	\$155,294.00	\$0.00	Willamette

Project Description
 Coordination of the PCSRF for CRITFC tribes is a necessary function. Efficiency and compliance are critical functions for the long-term sustainability of this funding opportunity. Successful completion of tribal and CRITFC projects increases the potential for multi-year funding. Primary duties include writing and amending subcontracts with the tribes, submitting progress reports and assisting in the project selection process, creating GIS maps of project sites and publication of a brochure/magazine. Duties also include budget management for nearly 100 PCSRF projects. Coordinate all tribal and CRITFC projects for FY 2003 in compliance with NOAA MOU requirements, resulting in many projects dealing with salmon restoration being initiated and implemented throughout the Columbia Basin. New efforts will include the reporting of Performance Measures required by NOAA and participation in regional monitoring and evaluation efforts. The need for an electronic database and project/database assistant is apparent due to the new NOAA Fisheries requirements and audit compliance requirements. A project/database assistant will be hired (cost shared with BPA) to assist in the coordination of the database, development of reports and management of official documents.

Project Ref	Grantee	Subgrantee	Project Name	State	
200065	CRITFC	Columbia River Inter-Tribal Fish Commission	Pacific Coastal Salmon Recovery Fund Coordination III	OR	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 - 01-SEP-03	Program Administration	\$85,000.00	\$0.00	Willamette

Project Description
 Coordination of the PCSRF for CRITFC tribes is a necessary function. Efficiency and compliance are critical functions for the long-term sustainability of this funding opportunity. Successful completion of tribal and CRITFC projects increases the potential for multi-year funding. Primary duties include writing and amending subcontracts with the tribes, submitting progress reports and assisting in the project selection process, creating GIS maps of project sites and publication of a brochure/magazine. Duties also include budget management for 68 PCSRF projects. Coordinated all tribal and CRITFC projects for FY 2002 in compliance with NOAA MOU requirements resulting in many projects dealing with salmon restoration being initiated and implemented throughout the Columbia Basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
200034	CRITFC	Columbia River Inter-Tribal Fish Commission	Pacific Coastal Salmon Recovery Fund Coordination II	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-01 - 01-JUN-02	Program Administration	\$68,955.00	\$0.00	Willamette

Project Description
Coordination of the PCSRF for CRITFC tribes is a necessary function. Efficiency and compliance are critical functions for the long-term sustainability of this funding opportunity. Successful completion of tribal and CRITFC projects increases the potential for multi-year funding. Primary duties include writing and amending subcontracts with the tribes, submitting progress reports and assisting in the project selection process.

Project Ref	Grantee	Subgrantee	Project Name	State
200018	CRITFC	Columbia River Inter-Tribal Fish Commission	Pacific Coastal Salmon Recovery Fund Coordination	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 01-JUN-01	Program Administration	\$60,000.00	\$0.00	Willamette

Project Description
Coordination of the PCSRF for CRITFC tribes is a necessary function. Efficiency and compliance are critical functions for the long-term sustainability of this funding opportunity. Successful completion of tribal and CRITFC projects increases the potential for multi-year funding. Primary duties include writing and amending subcontracts with the tribes, submitting progress reports and assisting in the project selection process.

Project Ref	Grantee	Subgrantee	Project Name	State
Coquille-04	Coquille	Coquille Tribe	Sedimentation Risk Reduction	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-OCT-03 -	Salmon Habitat Protection and Restoration	\$65,000.00	\$0.00	Southern Oregon Coastal

Project Description
Road improvement. Rock surfacing of 1.0 mile of road. Cleaned ditches and catch basins on 1.0 mile of road. Mulched and seeded disturbance areas on all work sites.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
Coquille-03	Coquille	Coquille Tribe	Sedimentation Risk Reduction	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 - 30-NOV-03	Salmon Habitat Protection and Restoration	\$100,000.00	\$0.00	Southern Oregon Coastal

Project Description
 Road improvement. Replace 8 culverts and cleaned 26 culverts on 3.05 miles of road. Brushed road prism and cleaned ditches on 3.05 miles of road. Mulched and seeded disturbance areas on all work sites.

Project Ref	Grantee	Subgrantee	Project Name	State
Coquille-02	Coquille	Coquille Tribe	Sedimentation Risk Reduction	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 - 31-DEC-02	Salmon Habitat Protection and Restoration	\$71,250.00	\$0.00	Southern Oregon Coastal

Project Description
 Road improvement. Replace 7 culverts and clean 114 culverts on 11.5 miles of road. Installed 8 armored rolling dips. Reconstructed and stabilized two road bank failures. Brushed road prism on 11.5 miles of road. Decommission 0.5 mile of road. Mulched and seeded disturbance areas on all work sites.

Project Ref	Grantee	Subgrantee	Project Name	State
Coquille-01	Coquille	Coquille Tribe	Sedimentation Risk Reduction	OR

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-00 - 30-SEP-01	Salmon Habitat Protection and Restoration	\$47,500.00	\$0.00	Southern Oregon Coastal

Project Description
 Road improvement. Decommissioning to reduce sedimentation risk and road density. 1.02 miles of road decommissioned; 12 culverts removed.

Project Ref	Grantee	Subgrantee	Project Name	State
Coquille-Admin-2	Coquille	Bureau of Indian Affairs	Grant Administration Costs	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Program Administration	\$3,750.00	\$0.00	Southern Oregon Coastal

Project Description

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
Coquille-Admin-2	Coquille	Bureau of Indian Affairs	Grant Administration Costs		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	-	Program Administration	\$2,500.00	\$0.00	Southern Oregon Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
CCT03-1	Colville	Confederated Tribes of the Colville Reservati	Omak Creek 2003 Habitat Acquisition	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Salmon Habitat Protection and Restoration	\$60,871.00	\$0.00	Upper Columbia

Project Description

Acquisition of this site will allow the Colville Tribes to protect an important 4-acre property and associated riparian habitat on lower Omak Creek at the confluence with the Okanogan River. Omak Creek is used by listed Upper Columbia ESU summer steelhead and Okanogan River summer Chinook for spawning and rearing. This 4-acre property includes river frontage on both Okanogan River and Omak Creek and is located across the creek from habitat previously acquired by the Colville Tribes. Acquisition of this property will compliment these prior habitat acquisitions. Habitat associated with this property is important to Upper Columbia ESU summer steelhead and Okanogan River summer Chinook. Project includes completion of all necessary permitting, negotiations with land owners, property appraisal, and purchase of property.

Project Ref	Grantee	Subgrantee	Project Name	State	
CCT02-1	Colville	Confederated Tribes of the Colville Reservati	Omak Creek Groundwater Supplementation - Phase II	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-02 - 31-AUG-05	Salmon Habitat Protection and Restoration	\$95,032.00	\$0.00	Upper Columbia

Project Description

This project was not implemented due to results of Phase I feasibility study. At time project proposals were submitted for PCSRF FY2002 funding, the results of the Phase I feasibility study were not available. The completed Phase I feasibility study indicated that significant stream temperature cooling could not be achieved with the volume of groundwater available from the well field. Given the results of the study, the Colville Tribes' elected to pursue alternative measures to address the elevated creek temperatures in this reach of Omak Creek (e.g. more aggressive riparian restoration activities). These riparian restoration activities were implemented using non-PCSRF fund sources.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
CCT02-2	Colville	Confederated Tribes of the Colville Reservati	Omak Creek Habitat Acquisition and Restoration	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-02 - 31-AUG-05	Salmon Habitat Protection and Restoration	\$59,049.00	\$0.00	Upper Columbia

Project Description

The property was appraised, negotiations with land owners completed, and final purchase was completed in early 2003. The 2.1-acre site includes approximately one-tenth of a mile of low-bank riparian habitat on Okanogan River. The riparian zone includes a mix of both native and non-native vegetation. Use of the Omak Creek reach adjacent to this site by Okanogan River summer steelhead for migration and rearing is documented. An assessment of need the need for riparian enhancements and weed control was completed. Noxious weed control measures were applied. Native vegetation was planted on site. All necessary permitting and ESA consultation was completed.

Project Ref	Grantee	Subgrantee	Project Name	State
CCT02-4	Colville	Confederated Tribes of the Colville Reservati	Omak Creek Summer Steelhead Habitat/Passage Project	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-02 - 31-AUG-05	Salmon Habitat Protection and Restoration	\$138,971.00	\$0.00	Upper Columbia

Project Description

All consultation and permitting requirements were completed. Work identified in lower half mile of Omak Creek was completed, however, this work was completed using non-PCSRF funds (see notes). Preliminary evaluation for design work to develop instream structures required to restore fish passage in the Mission Falls area was completed. In October of 2003, a survey was conducted to develop a stream profile with cross-sections which will form the basis for design of the instream structures. The Tribes will begin development of the final design in coordination with other Tribal departments during winter of 2004. Construction/installation is expected occur during the low water flow season (approximately September of 2004). Once completed, these instream structures will compromise the lowest barriers in Mission Falls and restore access to upper reaches of this vital watershed. Since alternative funding was used to implement the restoration work in the lower half mile of the creek, the originally identified funding was redirected to replace two damaged and undersized culverts on the Haley Creek road which, were in eminent danger of washing out and thus destroying essential downstream spawning habitat used by endangered summer steelhead. In late 2003 the two culverts were successfully replaced with a bottomless culvert at approximately RM 9.0.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
CCT01-1	Colville	Confederated Tribes of the Colville Reservati	Omak Creek Groundwater Supplementation - Phase I	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-DEC-01 - 31-AUG-04	Salmon Habitat Protection and Restoration	\$63,000.00	\$0.00	Upper Columbia

Project Description

All proposed components of the feasibility study were completed by October 2002. Results from the study indicated the volume of water available from groundwater supplementation would not be adequate to significantly reduce peak day stream temperature. The study, however, yielded data that will help the Colville Tribes more effectively target riparian restoration activities on this section of Omak Creek. Omak Creek particularly important because it is the only Okanogan River tributary on the U.S. side of the border (the Okanogan River Basin rests in both Canada and the U.S.) that has not been significantly altered by human activities. The Colville Tribes are focusing substantial efforts on systematically addressing limiting factors in Omak Creek as part of their overall salmon restoration actions.

Project Ref	Grantee	Subgrantee	Project Name	State
CCT03-4	Colville	Confederated Tribes of the Colville Reservati	Upper Columbia Basin Salmon Recovery Planning and Coordination	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Watershed and Sub-basin Planning and Assessment	\$163,937.00	\$0.00	Upper Columbia

Project Description

Tribal participation in regional watershed planning, recovery planning, technical coordination, and advisory forums, is vital to ensuring the effectiveness and efficiency of salmon recovery and restoration activities in the Okanogan Basin. This project is similar to, and is a continuation of efforts completed under PCSRF project CCT02-6. Activities funded via this project will allow the Colville Tribes to increase and maintain tribal participation in regional Salmon recovery planning and watershed assessment activities. Activities undertaken through project will have direct impacts on the recovery of Okanogan River summer Chinook, Upper Columbia ESU summer steelhead, spring Chinook, and sockeye salmon. In addition, activities undertaken through this project will contribute to the development of local and regional watershed plans including the draft Okanogan Subbasin Plan. This project proposal also includes administrative work necessary to fulfill PCSRF reporting requirements.

Project Ref	Grantee	Subgrantee	Project Name	State
CCT02-6	Colville	Confederated Tribes of the Colville Reservati	Upper Columbia Basin Salmon Recovery, Restoration and Enhanceme	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-02 - 31-AUG-05	Watershed and Sub-basin Planning and Assessment	\$135,504.00	\$0.00	Upper Columbia

Project Description

Actions completed through implementation of this project include the Colville Tribes participation in, and coordination with, Upper Columbia Salmon Recovery Board, Okanogan Subbasin Planning, Columbia Basin Strategy Team, Anadromous Fish Committee, Upper Columbia Regional Technical Team, RManE Collaborative Process, the regional TRT, Washington State Comprehensive Monitoring Strategy - Habitat Technical Group, and the Colville Tribal Hatchery Advisory committee. In addition, project activities include ongoing administration of PCSRF, and development of a semi-annual report and annual report.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
CCT01-3	Colville	Confederated Tribes of the Colville Reservati	Salmon Recovery Planning and Coordination	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-DEC-01 - 31-AUG-04	Watershed and Sub-basin Planning and Assessment	\$60,509.00	\$0.00	Upper Columbia

Project Description

Funding provided through this project allowed Colville Tribes' representatives to actively participate in the following salmon recovery, technical, and watershed planning forums: Upper Columbia Salmon Recovery Board, Columbia Basin Strategy Team, Anadromous Fish Committee, Upper Columbia Regional Technical Team, RMandE Collaborative Process, Technical Recovery Team, Washington State Comprehensive Monitoring Strategy - Habitat Technical Group, Okanogan/Similkameen subbasin summary planning team, and Transboundary work groups. Through their participation in these processes, the Colville Tribes contributed to the ongoing development of watershed plans, technical information that will be used by watershed planning groups, development of implementation prioritization frameworks, and salmon recovery plans.

Project Ref	Grantee	Subgrantee	Project Name	State
CCT03-2	Colville	Confederated Tribes of the Colville Reservati	Develop an Omak Creek Locally Adapted Summer Steelhead Hatchery	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Salmon Enhancement	\$175,013.00	\$0.00	Upper Columbia

Project Description

This project is Phase II of a project launched with PCSRF FY01 funding (CCT01-5) The project will develop a locally adapted Upper Columbia ESU summer steelhead broodstock in Omak Creek. Under the proposal, a permanent adult steelhead tributary collection facility will be developed on Omak Creek; adult holding, spawning and incubation will take place at the Cassimer Bar Hatchery Facility; and final rearing will occur at the Colville Tribal Trout Hatchery. Production targets for this pilot project are 30 percent of the spawning escapement, not to exceed more than 16 adults (dependent on run size); with a target of 20,000 differentially marked smolts released back into Omak Creek. Specific broodstock collection protocols, spawning protocols, incubation, rearing and release strategies will be defined in the completed Okanogan River summer steelhead HGMP.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
CCT02-3	Colville	Confederated Tribes of the Colville Reservati	Okanogan Summer Chinook Acclimation Pond (Bonaparte Pond)	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-02 - 31-AUG-05	Salmon Enhancement	\$134,707.00	\$0.00	Upper Columbia

Project Description

All necessary permitting was completed. A Phase I Okanogan River summer Chinook HGMP was also completed. The summer Chinook HGMP includes an outline of the Bonaparte Pond production plan. A long-term agreement with OTID to use Bonaparte Pond was developed. Retrofits to the pond were completed, the facility was prepared for fish rearing, and approximately 100,000 fish were introduced into pond in November of 2002. The fish were released in April of 2003 (see note). The retrofitted acclimation pond performed to expectations during the 2002-2003 season. Based on Pond performance during this first season of operations, at the request of WDFW, additional minor retrofits were completed between 2002 and 2003. These retrofits included installation of baffles in the discharge pipes to create more laminar flow across the pond, as well as installation of less abrasive screening at the outlet structures.

Project Ref	Grantee	Subgrantee	Project Name	State	
CCT01-5	Colville	Confederated Tribes of the Colville Reservati	Develop Local Okanogan River Basin Steelhead Broodstock - Phase I	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUN-02 - 31-AUG-04	Salmon Enhancement	\$170,225.00	\$0.00	Upper Columbia

Project Description

Funding for this project became available in June of 2002. An initial draft Okanogan River steelhead HGMP was completed late 2002. Between 2002 and late 2003, that HGMP underwent multiple reviews and revisions. A final HGMP is expected to be completed in late 2003. Planning associated with development of broodstock collection facilities in Omak Creek was completed in 2003. Delay's in initial funding, delay's in development of the HGMP, and ultimately the reprioritization of the Cassimer facilities to raise additional sockeye smolt - caused the Colville Tribes' to change the proposed location of raceways for the steelhead broodstock program. After reviewing options and cost considerations, the Colville Tribes elected to construct the necessary raceways at Colville Tribe's Bridgeport Hatchery. The Bridgeport raceway construction was completed in 2003. No fish were collected in the first Phase of the project because final permits were not in place. The second phase of the project was funded with PCSRF FY03 funds (project identification number CCT03-2).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
CCT01-4	Colville	Confederated Tribes of the Colville Reservati	Omak Creek Acclimation Site	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-DEC-01 - 31-AUG-04	Salmon Enhancement	\$71,950.00	\$0.00	Upper Columbia

Project Description					
<p>An engineering firm was selected and contracted to design and construct the acclimation facility. Necessary permitting requirements were fulfilled. Although design and construction of the facility was delayed somewhat by the fact that PCSRF funds were not available to the Colville Tribes until December of 2001, construction was still completed in time to stock fish for the 2002 season. Construction of the facility was completed in September of 2002. Approximately 50,000 Carson ancestry spring Chinook were stocked in the pond in October of 2002. After over wintering in the acclimation pond, approximately 40,000 Carson ancestry spring Chinook smolt were released into Omak Creek in April of 2003.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
CCT01-2	Colville	Confederated Tribes of the Colville Reservati	Steelhead Kelt Reconditioning Feasibility Study	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-DEC-01 - 31-AUG-04	Salmon Enhancement	\$24,941.00	\$0.00	Upper Columbia

Project Description					
<p>A contract was developed with a subcontractor in December of 2001 to complete the feasibility study. The study was completed in April of 2002. Results indicated that while the proposed kelt reconditioning program may not truly mimic natural pre-dam life history for Okanogan steelhead, it could serve as a valuable experimental interim recovery strategy for endangered Upper Columbia ESU summer steelhead. The report included specific recommendations for kelt trapping/release; reconditioning facility development; staff training; hold, feed and reconditioning at the Cassimer Bar Facility; monitoring and evaluation; adaptive management; and termination criteria. As an additional component of this project, kelt reconditioning was also addressed in a draft Okanogan Basin summer steelhead HGMP.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
CCT03-3	Colville	Confederated Tribes of the Colville Reservati	Okanogan River and Omak Creek Monitoring and Evaluation	WA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Salmon Research, Monitoring, and Evaluation	\$174,179.00	\$0.00	Upper Columbia

Project Description					
<p>Monitoring and evaluation activities conducted through this project will include: collection and compilation of tribal fisheries creel survey data; monitoring of survival, growth and condition of riparian plants and other physical habitat attributes in lower Omak Creek; monitoring of adult steelhead returns and spawning activity in Omak Creek; monitoring of adult chinook returns and spawning activity in Omak Creek; monitoring of juvenile steelhead and chinook abundance, distribution, and survival in Omak Creek, and ; compilation, evaluation, and management of data collected through these monitoring activities. Monitoring and evaluation activities conducted through this project will help determine the nature and specific components of future restoration and recovery programs and provide important feedback regarding the success of the current suite of projects. This monitoring and evaluation will also track the success of efforts to reestablish extirpated and ESA listed stocks in the Okanogan River basin.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
CCT02-5	Colville	Confederated Tribes of the Colville Reservati	M and E of Measures Assoc with Recovery and Restoration of Anadr	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-02 - 31-AUG-05	Salmon Research, Monitoring, and Evaluation	\$176,737.00	\$0.00	Upper Columbia

Project Description

All monitoring and evaluation activities identified in the work proposal were implemented. These activities included: monitoring of riparian growth and canopy cover; summer steelhead spawning activity; timing and survival of juvenile steelhead in Omak Creek; juvenile salmonid abundance, distribution and rearing densities at index sites on Omak Creek; design of, and delivery of creel surveys to estimate tribal harvest of adult salmon and steelhead; and water temperature and stream flow monitoring. Information was compiled in appropriate reports and databases and will be used to help guide future identification of projects, and adjustments to existing recovery and restoration programs.

Project Ref	Grantee	Subgrantee	Project Name	State
CCT01-3a	Colville	Confederated Tribes of the Colville Reservati	Salmon Recovery Outreach and Education	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	04-DEC-01 - 31-AUG-04	Public Outreach and Education	\$49,000.00	\$0.00	Upper Columbia

Project Description

The Colville Tribes completed research, writing, and development of a traveling educational display. The display was used in numerous classroom presentations, open houses, workshops, and a series of public salmon festivals, which took place in both the U.S. and Canada. Tribal Fish and Wildlife staff used the display as a stand alone educational device, as well as a mechanism to generate interactive discussions with members of the public. The display was used at multiple venues including a series of Okanogan Basin Salmon Festivals, middle school educational events, and workshops. The finished display included panels identifying the historical and cultural role of salmon to the Tribes, information highlighting key factors limiting salmon natural productivity in the Okanogan Basin, discussion of basinwide factors leading to declining salmon populations, salmon life cycles, the economic impacts of salmon, and examples of ongoing salmon recovery activities. Accompanying materials included notebooks documenting local and regional salmon history, historical recovery documents, the Tribes' recovery program, handouts identifying opportunities for students to enter careers in fisheries and natural resource management, and notebooks collecting student comments and stories.

Project Ref	Grantee	Subgrantee	Project Name	State
Colville-Admin-20	Colville	Bureau of Indian Affairs	Grant Administration Costs	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Program Administration	\$23,175.00	\$0.00	Upper Columbia

Project Description

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
CH0004	Chehalis	Chehalis Tribe	Deep Creek Culvert Restoration and Road Abandonment.	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	-	Salmon Habitat Protection and Restoration	\$65,000.00	\$0.00	Washington Coastal

Project Description
 For 2003, the chehalis tribe is proposing to partner with Wa. DNR to decommission approximately 2 miles of roads and remove associated culverts (7). Total number of projects planned are six projects. All projects located within the bunker creek sub-basin, a tributary to Deep Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
CH0003	Chehalis	Chehalis Tribe	Deep Creek Culvert Restoration and Road Abandonment.	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	30-JUN-02 - 31-OCT-02	Salmon Habitat Protection and Restoration	\$100,000.00	\$0.00	Washington Coastal

Project Description
 Skookumchuck- decommission of 4,100 feet of failing side-cast logging road and the removal of seven culvert fills opening up 1.3 miles additional headwater' s habitat. Deep Creek- removal of three headwater road culverts that were blocking a total of 14,000 feet of prime salmon habitat. One culvert was replaced with a BIG-R bridge, one was totally abandoned, and one was replaced with a counter sunk 8' round pipe. In addition 2,500 feet of logging road was decommissioned. Revegetation of these areas is planned for spring of 2003.

Project Ref	Grantee	Subgrantee	Project Name	State
CH0002	Chehalis	Chehalis Tribe	Newaukum River - Lincoln Creek Habitat Improvement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	31-JUL-01 - 30-APR-02	Salmon Habitat Protection and Restoration	\$71,250.00	\$0.00	Washington Coastal

Project Description
 Off channel habitat connection, road decommission, livestock exclusion, revegetation. Overall improved habitat (27.5 acers): reconnect channel segments (4 ac), remove road (1,200 ft., 6 ac), exclude livestock (7.5 ac), revegetation (10 ac)

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
CH0001	Chehalis	Chehalis Tribe	Lincoln Creek Habitat Improvement	WA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	31-JUL-00 - 30-APR-01	Salmon Habitat Protection and Restoration	\$47,500.00	\$0.00	Washington Coastal

Project Description
Off channel habitat; access, LWD placement, tile removal, aquifer recharge, revegetation. 56 acres habitat improved

Project Ref	Grantee	Subgrantee	Project Name	State
Chehalis-Admin-	Chehalis	Bureau of Indian Affairs	Grant Administration Costs	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Program Administration	\$3,750.00	\$0.00	Washington Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
Chehalis-Admin-	Chehalis	Bureau of Indian Affairs	Grant Administration Costs	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	-	Program Administration	\$2,500.00	\$0.00	Washington Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
P0210561	CDFG	Fishery Foundation of California	Acclimate Central Valley Hatchery Raised Chinook Salmon in San Fran	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 - 27-AUG-03	Salmon Habitat Protection and Restoration	\$0.00	\$37,000.00	San Francisco Bay

Project Description
Release approximately 12 million juvenile salmon into floating tanks during a 6 week period. The fish will be held in tanks for approximately 2 hours, protecting them from predation. During the 2 hour period, the fish will be acclimated from freshwater to ambient salinity at release location. Once the fish have become acclimated to the local water conditions, they will be released into the eastern San Francisco Bay estuary.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200069	CDFG	Sonoma County Department of Transportatio	Adobe Creek Adaptive Management Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-JUL-03 -	Salmon Habitat Protection and Restoration	\$9,395.00	\$0.00	San Francisco Bay

Project Description

Install two V-notch baffles to partition the intermediate outfall pool to relocate and change the dynamic of the outfall ζ jump ζ . These proposed additional baffles would reduce and move the jump toward the downstream end of the intermediate pool, facilitating easier fish passage by directing fish away from the current hurdle and allowing easier passage into the baffle alleyway.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210409	CDFG	California Conservation Corps - Klamath Ser	Ah Pah Creek Fish Passage Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	26-MAY-03 -	Salmon Habitat Protection and Restoration	\$47,770.00	\$0.00	Klamath

Project Description

The CCC, in cooperation with DFG and Simpson Timber Company will improve fish passage and enhance spawning and rearing habitat for juvenile and adult salmonids. These enhancements will be accomplished by lowering and reconstructing two Hewitt Ramp fish passage structures, removing one Hewitt Ramp structure and constructing a one boulder weir.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210502	CDFG	California State Parks	Albee and Harper Creek Watershed Rehabilitation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$286,275.00	\$0.00	Northern California Coastal

Project Description

To protect and restore salmonid habitat by reducing road related sediment inputs from gullyng, road crossing failure, and mass wasting (debris flows, etc) into Albee and Harper Creeks. The project proposes to re-engineer two park administrative roads and decommission abandoned logging roads. Stream crossings will also be removed. All work sites were inventoried in the Albee and Harper Creek Watershed Road Assessment conducted in April 2001.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230426	CDFG	California Conservation Corps	Alder Creek Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$31,023.00	Northern California Coastal

Project Description
Add cover to the stream using various bioengineering methods which will create lower water temperatures for salmonid species and stabilize banks on Alder Creek to stop sediment from entering stream by constructing structures such as J-hooks, boulder weirs, and boulder wing deflectors.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230422	CDFG	VanderHorst Forestry	Alder Springs Ranch Fencing Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$40,800.00	Northern California Coastal

Project Description
Improve juvenile Chinook, Coho and Steelhead habitat by installing cattle fencing on approximately 1.1 miles of stream on Mud Springs Creek to allow riparian vegetation on the stream banks to recover.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230423	CDFG	Bewley-Motluck Foundation	Alder Springs Ranch Stream Bank Stabilization	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$25,450.00	Northern California Coastal

Project Description
This project will improve juvenile Chinook, Coho and steelhead habitat by stabilizing eroding stream banks on eight project sites in two areas of Big Rock Creek. The combined length of these areas is approximately 4,700 feet.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210542	CDFG	Sanctuary Forest, Incorporated	Anderson Creek Watershed Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$385,183.00	Northern California Coastal

Project Description
Maintain and improve key coho and steelhead spawning and rearing habitat of Anderson Creek by purchasing a conservation easement (22 acres) and fee title acquisition (190 acres) in the Anderson Creek Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230471	CDFG	Land Conservancy of San Luis Obispo Coun	Andrews Property Riparian Habitat Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$150,000.00	Central California Coastal

Project Description
Stabilize 650 of eroded stream bank, revegetate with native trees and understory vegetation and manage livestock with fencing.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230461	CDFG	San Mateo County Resource Conservation D	Apanolio Canyon Steelhead Passage Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$250,000.00	San Francisco Bay

Project Description
Restore steelhead migration passage, maintaining water supply and private property access through removal of a perched box culvert, replacement with a three-sided bridge, and addition of boulder step pools to re-establish stream grade, and riparian revegetation.

Project Ref	Grantee	Subgrantee	Project Name	State
7200084	CDFG	Land Trust for Santa Barbara County	Arroyo Hondo Preserve Steelhead Habitat Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$9,775.00	\$0.00	Central California Coastal

Project Description
The Grantee, or their designee, will develop and analyze at least 4 possible structural modifications to the California Department of Transportation box culvert at the mouth of Arroyo Hondo Creek. Grantee will oversee preliminary design, final design and engineering, obtaining permits and management of the project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210516	CDFG	Karen and Bill Bartleson	Bartleson Property, Bear River, Upslope Erosion Control Project #1	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$28,209.00	\$0.00	Northern California Coastal

Project Description
Reduce sedimentation flowing into the Bear River by replacing under sized culverts, adding critical dips and improving road drainage patterns.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230453	CDFG	County of Marin	Bates Canyon Creek Fish Passage Restoration	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$123,050.00	San Francisco Bay

Project Description
Replace the Bates Canyon Culvert that is a total barrier to fish passage in the San Geronimo Valley watershed. Replacing this aging, undersized structure will provide salmonids with access to an additional 1000 feet of high quality spawning and rearing habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200073	CDFG	Bear Creek Canyon Road Association	Bear Creek Canyon Road Association Storm-Proofing	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$9,845.00	\$0.00	Central California Coastal

Project Description
Various road improvements along 4.9 miles of road in the vicinity of Bear Creek and Shear Creek including culvert repair/placement, grading and excavating.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210525	CDFG	Coastal Stream Restoration Group	Bear River McBride Slide Stabilization	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$37,962.00	Northern California Coastal

Project Description
Reduce the amount of controllable fine sediment introduced to the Bear River by stabilizing 260' of riverbank.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230409	CDFG	Mendocino County Resource Conservation	Bradford Ranch Upslope Sediment Reduction Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$144,991.00	\$0.00	Northern California Coastal

Project Description
Decommission and upgrade 9.5 miles of road segments (2.4 miles decommissioned, 7.1 miles upgraded), saving an estimated 15,088 cubic yards of sediment from entering the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
7200063	CDFG	Trout Unlimited	Bridge Creek Fish Passage Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$46,172.00	\$0.00	Northern California Coastal

Project Description
The Bridge Creek culvert and fill on Masonite Rd will be replaced with a bridge with the following procedures. A coffer dam will temporarily divert the stream around the work area. The fill material will be excavated down to natural stream grade and two existing culverts will be removed. Bridge abutments will be constructed and armored as necessary, and the bridge will be placed. Two rock weirs will be constructed in the channel below the bridge to stabilize streambed grade and facilitate fish passage. The road surface will be graded and shaped. The construction area will be mulched with straw and seeded with non-invasive seed mix as necessary to prevent surface erosion.

Project Ref	Grantee	Subgrantee	Project Name	State
7200091	CDFG	Eel River Watershed Improvement Group	Bull Creek Instream Structure Maintenance Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$9,918.00	\$0.00	Northern California Coastal

Project Description
The Grantee will conduct maintenance and repair on 20 instream structures in Bull Creek. Eight scour/cover logs will be repositioned and anchored, 10 willow baffles will be re-installed, additional rock will be added to six upstream $\zeta V \zeta$ boulder weirs, and one boulder wing deflector and boulder cluster will be constructed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210506	CDFG	Eel River Watershed Improvement Group	Bull Creek Riparian Revegetation and Salmonid Habitat Restoration Proj	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$61,900.00	Northern California Coastal

Project Description
Improve spawning and rearing habitat for salmon and steelhead by stabilizing streambanks with bio-engineering treatments and extensive revegetation in Bull Creek, between Cuneo and Burns Creeks.

Project Ref	Grantee	Subgrantee	Project Name	State
7200076	CDFG	Burchiel Farms	Burchiel Farms Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-03 -	Salmon Habitat Protection and Restoration	\$9,990.00	\$0.00	Central California Coastal

Project Description
CCC crews will remove approximately 100 non-native eucalyptus trees measuring six (6) inches or less in diameter-at-breast-height (DBH) using chain saws. Trees will be cut and stacked. Small material will be chipped and removed from the creek corridor. Crews will clear eucalyptus leaf litter away from the planting areas. Leaf litter may be chipped. Chipped or non-chipped leaf litter will be moved outside of the high water mark. CCC crews will use hand tools to re-slope the upper bank, to a 2:1 slope. CCC crews will plant cleared areas and re-sloped bank with locally obtained, native species that occur in the creek corridor in the vicinity of the project site.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210422	CDFG	City of Arcata	Campbell Creek/Gannon Slough South - Riparian Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$27,820.00	Northern California Coastal

Project Description
Improve fish habitat on a 2,537 foot reach of Gannon Slough/Campbell Creek by fencing out livestock and revegetating the riparian area with 2700 native trees and shrubs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200086	CDFG	City of Carpinteria	Carpinteria Bike Path Barrier Modification	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-03 -	Salmon Habitat Protection and Restoration	\$23,234.00	\$0.00	Central California Coastal

Project Description

1. Analysis and Design - Conduct a detailed technical assessment of the project site. The City of Carpinteria (City) will seek the assistance from the California Department of Fish and Game (DFG) and NOAA Fisheries staff on fish passage barrier analysis and restoration design when developing the preliminary design for the project. At least 3 weeks prior to construction, the City will submit to DFG's Contract Manager and Hydraulic Engineering staff the final design specifications for written approval. 2. Permitting - The City and resource agency members of the Carpinteria Creek Watershed Coalition will work cooperate to facilitate CEQA review and permitting. Additionally, the City will obtain all necessary permits such as grading, coastal development and building permits from the City; a Streambed Alteration Agreement from the California Department of Fish and Game; a U.S. Army Corps of Engineers' Section 404 permit; a California Regional Water Quality Control Board Section 401 certification; and project approval by NOAA Fisheries. 3. Construction - The City will fabricate new removable decking for the bike path culvert (including galvanizing all steel components), demolish the existing top of the culvert and install the new culvert covers. Additionally the city will comply with all permit conditions to ensure minimal impact to the habitat and biological resources of Carpinteria Creek.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230440	CDFG	Coastal Stream Restoration Group	Chase Creek Restoration Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$90,476.00	San Francisco Bay

Project Description

Re-vegetate and stabilize the highly friable alluvium banks of Chase creek which will protect many climax riparian trees in danger of falling into the active channel. Develop a more complex instream habitat and concentrate the low flows while providing structure and critical habitat during heavy events.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210517	CDFG	Mainstem Eel River Group	Conley Creek Project #1	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$39,793.00	Northern California Coastal

Project Description

Install a log wing deflector, 7 digger logs, 2 upstream boulder weirs, 9 single boulders, stabilize eroding stream banks, revegetate and exclude livestock along a 1,100 foot section of Conley Creek

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210436	CDFG	Fruit Growers Supply Company	Cottonwood Creek Diversion Improvement Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$42,159.00	Klamath

Project Description
 Replace two fish barrier diversions structures with fish friendly diversion structures and self-cleaning fish screens that will allow year round passage.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230470	CDFG	Land Conservancy of San Luis Obispo Coun	Creekside Farm Riparian Habitat and Floodplain Acquisition Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$100,000.00	Central California Coastal

Project Description
 Perpetually conserve .9 miles of San Luis Obispo Creek and 80 acres of riparian floodplain habitat through fee purchase.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210504	CDFG	Hackett Timber & Livestock	Crystal Creek 2003	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$61,237.00	Northern California Coastal

Project Description
 Restore riparian habitat along a 1,770 foot reach of Crystal Creek by the placement of an off-stream watering trough and delivery systems, and construction of 3,118 feet of grazing exclusion fencing; to create 5 acres of riparian area excluded from grazing, and planted with 5 native tree species totaling 2,300 seedlings. Also, eliminate summer water quality degradation and sediment delivery by rectifying 6 riparian zone sites causing degraded summer water quality, with a potential sediment delivery of 120 yards over 5 years.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230412	CDFG	Forest, Soil and Water, Incorporated	Dago Creek Barrier Modification Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$12,599.00	Northern California Coastal

Project Description
Modify 12 log debris accumulations to facilitate the migration of salmonids, to allow impounded bedload and large woody debris to distribute to other locations, and to correct streamflow diversions that are causing major bank erosion.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230415	CDFG	Forest, Soil and Water, Incorporated	Dago Creek Road Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$43,727.00	\$0.00	Northern California Coastal

Project Description
Remediate upslope erosion sources to prevent 8,000 cubic yards of sediment from entering Dago Creek

Project Ref	Grantee	Subgrantee	Project Name	State
P0210426	CDFG	Trinity County Planning Department, Natural	Deadwood Creek Migration Barrier Modification	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$65,970.00	Klamath

Project Description
Install an overflow pipe above the existing culvert structure in order to increase culvert surface area and allow flood flows and debris to pass more safely through the stream crossing, preventing future culvert failures and flooding

Project Ref	Grantee	Subgrantee	Project Name	State
P0210425	CDFG	Trinity County Planning Department, Natural	Deadwood Road Sediment Reduction Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	18-JUN-03 -	Salmon Habitat Protection and Restoration	\$25,090.00	\$0.00	Klamath

Project Description
Implement erosion control and sediment delivery reduction at 15 sites on Deadwood Road. The project will save an estimated 8,040 cubic yards of sediment from entering Deadwood Creek over 10 years.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230474	CDFG	Trout Unlimited, North Bay Chapter 903	Devil's Gulch Culvert Modification	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$61,125.00	San Francisco Bay

Project Description
Remove two degraded culverts, bank armoring and revegetation

Project Ref	Grantee	Subgrantee	Project Name	State	
7200043	CDFG	Northwest Resource	Diamond R 03	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 - 17-SEP-03	Salmon Habitat Protection and Restoration	\$9,981.00	\$0.00	Northern California Coastal

Project Description
2.The project will improve and protect instream habitat for Chinook salmon and steelhead trout by anchoring existing LWD in the stream channel and stabilizing 60¿ of eroding steam bank. This will be accomplished by completing the following tasks: A.Placing 30 tons of 4 ton boulder in the channel and anchoring to the existing LWD in the channel B.Constructing a 15 ton boulder wing deflector on the right bank, upstream of the LWD site. C.Placing two rows of 20, 4 ton boulder along a 60¿ section of eroding stream bank.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210519	CDFG	Mainstem Eel River Group	Dobbyn Creek Slides Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$35,037.00	Northern California Coastal

Project Description
Install 2 boulder/log deflectors, 1 boulder cluster, 3 digger logs; stabilize 375 feet of stream bank and exclude livestock from a 450 foot section of creek

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230419	CDFG	California Department of Parks and Recreati	East Austin Creek Riparian Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$30,202.00	Northern California Coastal

Project Description
Restore shade canopy, large woody debris and improve nutrient cycling in a 2.5 mile section of East Austin Creek through the removal and control of broom spp. (Genista monspessulana & Cytisus scoparius) and revegetation through outplanting of native riparian tree species.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210515	CDFG	Pacific Watershed Associates	East Branch South Fork Eel/Reed Mountain Watershed Restoration Imp	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$394,137.00	\$0.00	Northern California Coastal

Project Description
Reduce impacts to and protect salmonid habitat from sediment impacts through implementation of site specific and prioritized erosion control and erosion prevention measures in the South Fork Eel River watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230420	CDFG	Pacific Watershed Associates	Eldridge Creek Watershed Restoration Implementation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$310,300.00	\$0.00	Northern California Coastal

Project Description
Road upgrading, decommissioning, erosion control and erosion prevention work in the Eldridge Creek Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230449	CDFG	California Conservation Corps	Feliz Creek Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$20,580.00	Northern California Coastal

Project Description
To enhance a 1,300 foot section of Feliz Creek for salmonid species. The instream structures and native vegetation will enhance the stream and riparian corridor along Feliz Creek by recruiting sediment for spawning, protecting unstable streambanks, and increasing canopy.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210510	CDFG	Pacific Watershed Associates	Fort Seward Ranch Property: Watershed Improvement Project #1	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$665,941.00	\$0.00	Northern California Coastal

Project Description
 Reduce impacts to and protect salmonid habitat from sediment impacts through the implementation of site specific and prioritized erosion control and erosion prevention measures in Main stem Eel River.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230416	CDFG	City of San Luis Obispo	Froom Creek Road Decommissioning	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$75,000.00	\$0.00	Central California Coastal

Project Description
 To grade and re-vegetate 0.6 miles of disused jeep road alongside Froom Creek, thereby reducing the sediment load washed from the road in to the creek.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230446	CDFG	Peninsula Open Space Trust	Gazos Creek Large Gully Erosion Control Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$43,647.00	\$0.00	Central California Coastal

Project Description
 Divert water out of a large gully system into stable, well vegetated areas where it can dissipate without causing erosion.

Project Ref	Grantee	Subgrantee	Project Name	State
P0250011	CDFG	Concerned Resource and Environmental Wo	Gene Marshall-Piedra Blanca National Recreation Trail and Steelhead	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$122,840.00	Ventura-San Gabriel Coastal

Project Description
 Reduce siltage and erosion through renovation and rerouting of 9.5 miles of foot trails away from spawning areas. installation of water bars, and replanting riparian areas with willow cuttings. Project will provide over 7000 hours of employment to 100 disadvantaged youth.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210532	CDFG	Humboldt County Public Works Department	Gibson Creek Culvert Replacement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$203,078.00	Northern California Coastal

Project Description
Provide acces to approximately 1.7 miles of potential anadromous fish habitat by replacing a failing, undersized culvert with a structure (multiplate pipe culvert) that will not be a barrier to adult and juvenile salmonids.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210439	CDFG	Trinity County Resource Conservation Distri	Grass Valley Creek Revegetation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	07-MAY-03 -	Salmon Habitat Protection and Restoration	\$194,468.00	\$0.00	Klamath

Project Description
Continue reforestation work in the Grass Valley Creek watershed by planting approximately 150,000 tree, shrub, grass and forb seedlings in a 100 acre area

Project Ref	Grantee	Subgrantee	Project Name	State
P0230451	CDFG	Dragon Fly Stream Enhancement	Green Valley Riparian 2002	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$8,800.00	Northern California Coastal

Project Description
Enhance coho salmon and steelhead trout populations by increasing riparian canopy in Green Valley Creek with the planting of riparian samplings native to the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210401	CDFG	U.S. Forest Service Happy Camp Ranger Dis	Grider Creek Road Sediment Reduction Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	27-JUN-03 -	Salmon Habitat Protection and Restoration	\$558,016.00	\$0.00	Klamath

Project Description
To reduce and minimize future chronic and episodic delivery of road-related sediment to anadromous fish habitat from 22.19 miles of forest road within the Grider Creek watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230457	CDFG	Napa County Resource Conservation District	Heath Canyon Creek Fish Barrier Removal and Stream Restoration Proj	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$157,823.00	San Francisco Bay

Project Description
Removal of four fish barrier structures, installation of two railway flatcar bridges, construction of eight rock vortex weir structures and 120 feet of streambank stabilization and upper bank revegetation

Project Ref	Grantee	Subgrantee	Project Name	State
P0210534	CDFG	Trout Unlimited - California Council	Hollow Tree Creek Watershed Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$633,586.00	\$0.00	Northern California Coastal

Project Description
The implementation of upslope and instream restoration prescriptions to reduce road-related sediment and to improve instream habitat in seven sub-basins within the Hollow Tree Creek watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210522	CDFG	Northwest Resource	Howe Confluence Salmon Passage Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 - 20-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$47,539.00	Northern California Coastal

Project Description
Restore fall salmonids access to Howe Creek: by placement of a vortex boulder weir to enable the force of the Eel River to scour its' confluence with Howe Creek to maintain a well defined deep channel to allow fall salmon passage over the Howe Delta. Also, increase pool volume and structural complexity with the placement of 4 complex boulder and log structures.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210503	CDFG	Hackett Timber & Livestock	Howe Creek 03	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$144,013.00	Northern California Coastal

Project Description

Restore riparian and instream habitat along 2,700 ft. of Howe Creek with the placement of 28 large live redwood stumps, stabilize and protect 290 feet of unstable streambank along Howe Creek with boulder armor, placement of 4,400 feet of exclusion fencing, plant 4,000 conifer seedlings and 3,000 cottonwood springs, decommission 1 perennial stream crossing and harden 4 others, and harden 700 feet of steep slope livestock trail in the riparian zone to reduce sedimentation from livestock use.

Project Ref	Grantee	Subgrantee	Project Name	State
7200044	CDFG	Hackett Timber and Livestock	Howe Creek 2002 Restoration Maintenance	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 - 20-OCT-03	Salmon Habitat Protection and Restoration	\$9,624.00	\$0.00	Northern California Coastal

Project Description

The project will improve and protect instream habitat for Chinook salmon and steelhead trout by allowing existing bank protection and fish habitat structures to function preventing new landslides and sediment delivery to Howe Creek. This will be accomplished by completing the following tasks: A.Armor the left bank with 4-6 ton boulder above existing armor at the 1999 Howe Creek Site. B.Armor the right bank upstream of Howe Creek ¿01 site ¿E¿ with 4-6 ton boulder. C.Construct a boulder wing deflector keyed in to the left bank at site ¿E¿ using 4-6 ton boulder. D.Construct two, 4-6 ton, boulder, hard points on exposed banks above existing rock log structures at Howe Creek ¿01 site ¿F¿.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230413	CDFG	Mendocino County Department of Transport	Instream Barrier Removal Project on Tributary to South Fork Big River	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$23,260.00	Northern California Coastal

Project Description

Modify an existing box culvert to open access to 8,600 feet of habitat

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210446	CDFG	Six Rivers National Forest	Ishi Pishi Road Decommissioning Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	02-JUN-03 -	Salmon Habitat Protection and Restoration	\$348,407.00	\$0.00	Klamath

Project Description
Decommission 34.3 miles of road, including restoration of 46 stream crossings, saving an estimated 23,747 cubic yards of road-related sediment from entering stream and the Klamath River.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210441	CDFG	Siskiyou County Department of Public Works	Kelly Gulch Migration Barrier Removal Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$163,171.00	Klamath

Project Description
Replace an existing culvert stream crossing with a bridge structure.

Project Ref	Grantee	Subgrantee	Project Name	State
7200057	CDFG	Eel River Salmon Restoration Project	Leggett Creek Barrier Modification	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$9,667.00	\$0.00	Northern California Coastal

Project Description
The Grantee will improve fish passage by repositioning and anchoring logs and stumps within a large log debris accumulation (LDA). Logs will be positioned in a manner which will create a step pool habitat structure. Any logs removed from the LDA that are not used in the structure must remain within the recruitment zone of the stream.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210514	CDFG	Eel River Watershed Improvement Group	Little Larabee Creek Livestock Exclusion Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$19,993.00	Northern California Coastal

Project Description
Improve salmonid habitat by fencing off a 2-mile section of the Little Larabee Creek to cattle access near Bridgeville, CA.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230406	CDFG	Trout Unlimited - California Council	Little North Fork Ten Mile Watershed Restoration Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$80,764.00	\$0.00	Northern California Coastal

Project Description
 Implementation of upslope restoration prescriptions to reduce road-related sediment in the Little North Fork Ten Mile River sub-basin.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200088	CDFG	Mark Moore	Lone Star Creek Erosion Control Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$7,187.00	\$0.00	Northern California Coastal

Project Description
 At site B, the grantee will upgrade one stream crossing to pass the 100 year flood by installing a 60 inch diameter, 60 foot long culvert with inlet and outlet armoring and a critical dip. The project area is defined by Exhibit C Map, which is attached and made a part of this agreement by this reference. All treatments will be implemented according to Exhibit D, which is attached and made a part of this agreement by this reference. The project site is located on the USGS Iaqua Buttes 7.5 minute quad map within Township 3 North, Range 2 East, Section 13. Removal of road and skid trails will include retrieving unstable material sidecast during road construction and excavation of stream crossings and other watercourse fill. Stream crossings will be excavated to original width, depth and slope to expose natural channel morphology and armor. Side slopes will generally match original contours above and below the road. Spoils material will be stored in stable locations where it will not erode. If stable spoils storage sites are not available within the project area, they will be end-hauled to a stable storage site outside of the project area. Straw mulch will be scattered over the surface as a mulch upon completion of each site.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200083	CDFG	Trout Unlimited	Lower Austin Creek Migration Improvement	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-03 -	Salmon Habitat Protection and Restoration	\$23,654.00	\$0.00	Northern California Coastal

Project Description
 The project will involve constructing 11 main-channel pools, 8 back-water pools, installing 3 j-hook weirs (combination log/boulders), 4 digger log structures, 1 boulder deflector, and a series of rock bars. Other large wood available on location may also be added to constructed pools as cover structures

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210416	CDFG	Rural Human Services	Lower Hunter Creek Stream Corridor Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$52,826.00	Klamath

Project Description
 Improve fish habitat along 6,850 feet of Hunter Creek by installing 8 complex instream structures to provide cover and complexity. 1000 conifers will be planted in the riparian area for future large woody debris. 6000 feet of fencing will also be repaired and replace to restrict cattle access to the riparian zone. A large stream bank failure approximately 100' long will be restored utilizing bioengineering.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210423	CDFG	Coastal Stream Restoration Group	Lower North Fork Mad River Riparian Corridor Enhancement Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$25,516.00	Northern California Coastal

Project Description
 Enhance the riparian corridor by increasing the percentage of conifers throughout a total of 2 miles/20 acres in the lower reaches of the North Fork of the Mad River, as well as establish a demonstration drip irrigation watering system within the lower reaches of the project area.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210403	CDFG	U.S. Forest Service Klamath National Forest	Lower South Fork Road Sediment Reduction Project - Phase 2	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	27-JUN-03 -	Salmon Habitat Protection and Restoration	\$492,376.00	\$0.00	Klamath

Project Description
 To reduce and minimize future chronic and episodic delivery of road-related sediment to anadromous fish habitat from 16.70 miles of forest road within the Lower South Fork Salmon River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210402	CDFG	U.S. Forest Service Klamath National Forest	Lower South Fork Road Sediment Reduction Project - Phase I	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	27-JUN-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$698,384.00	Klamath

Project Description

To reduce and minimize future chronic and episodic delivery of road-related sediment to anadromous fish habitat from 30.56 miles of Forest road within the Lower South Fork Salmon River. In Phase I, three roads totaling 19.35 miles will be stormproofed, 51 crossings and landslides will be treated, and 31 roads with 38 crossings totaling 11.21 miles will be decommissioned.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210427	CDFG	California Conservation Corps, California Co	Lower Wilson Creek Riparian Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$18,060.00	Northern California Coastal

Project Description

Plant 6,000 deciduous and coniferous trees along one mile of Wilson Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
7200090	CDFG	Natural Resources Management Corporation	M/M/T Fish Passage Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-03 -	Salmon Habitat Protection and Restoration	\$5,855.00	\$0.00	Northern California Coastal

Project Description

The Grantee will excavate and remove an existing corrugated steel culvert, and replace it with a 72" elliptical shaped arch culvert. The new culvert shall incorporate a mitered inlet, designed to accommodate debris passage during high flow events.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200060	CDFG	Environmental Restoration Services	Mad River Tributary Crossing Upgrade & Bank Stabilization	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	21-JUL-03 -	Salmon Habitat Protection and Restoration	\$6,925.00	\$0.00	Northern California Coastal

Project Description

Site 1: The Grantee will remove fill and reslope steam banks at a washed-out Humboldt crossing. Willow cuttings will be placed in a trench at the toe and backfilled with boulder to provide bank protection and stability. Excavated material will be used to partially re-contoure road approach to crossing. Exposed soil will be mulched and seeded. Site 2: The Grantee will remove the 3 existing culverts and all associated fill material in the stream crossing. The crossing will be upgraded to a bridge crossing. Existing boulders will be placed as a grade control within the channel and at the toe of the banks to prevent erosion and further down-cutting. Upstream of the crossing, 100 feet of willow fascine wall on the upstream end of the gravel bar will be installed to encourage revegetation and protect against erosion. See Attachment II z Site Diagram, which is attached and made part of this agreement by this reference. Bank slopes shall be graded to a 2:1 slope and size of the rock with in the high water mark will be of a size that will withstand normal high flows.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230448	CDFG	California Conservation Corps	Mark West Creek Instream Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$61,157.00	Northern California Coastal

Project Description

Install a deer and cattle exclusionary fence encompassing approx. 3,700 feet. Other objectives will include planting native vegetation to the area around the riparian zone to create greater canopy and to also add instream structures such as cover logs, J-hooks, baffles, and boulder wing deflectors to create more suitable habitat for the native species of salmonids in Mark West Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
7200054	CDFG	Gilbert Gregori	Mattole Canyon Creek Delta Revegetation #2	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$2,813.00	\$0.00	Northern California Coastal

Project Description

The Grantee will protect and stabilize 175 feet of actively eroding bank by installing 4 willow baffles and 45 linear feet of willow mattress.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210521	CDFG	Mattole Salmon Group	Mattole Estuary Habitat Improvement	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$42,544.00	Northern California Coastal

Project Description

Create scour pools and improved habitat complexity by installing four complex boulder clusters using large woody debris.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210520	CDFG	Mattole Restoration Council	Middle Mattole Streambank Stabilization Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$117,056.00	Northern California Coastal

Project Description

Stabilize streambanks and prevent sedimentation through bioengineered willow and rock structures.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230405	CDFG	Round Valley Indian Tribes	Mill Creek Channel Restoration (2003)	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$40,000.00	Northern California Coastal

Project Description

Progressively re-establish a single, primary channel stream system with a diversity of in-stream habitat structure and functional riparian corridor to maintain suitable water flow a temperature regimes necessary to support salmonid species.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210526	CDFG	Eel River Salmon Restoration Project, PCFFA	Miller Creek Sediment Reduction and Monitoring Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$68,468.00	\$0.00	Northern California Coastal

Project Description

Significantly lower the turbidity of Miller Creek by disconnecting the road drainage network from the stream. Turbidity will be monitored pre and post project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200065	CDFG	Marin Open Space	Miller Creek Sediment Reduction Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$9,990.00	\$0.00	San Francisco Bay

Project Description

1.Repair head cut and install rock energy dissipater to stabilize existing culvert in Miller Creek, adjacent to Lucas Valley Road. 2.Follow head cut repair specifications developed by Prunuske Chatham, Inc. (see attached specification). 3.Seed all disturbed areas with partial shade native seed mix and mulch with rice straw. 4.Install split rail fencing along disturbed area of wet meadow adjacent to Miller Creek. 5.Rip and disk soil and rototill planting area before the end of September. 6.Revegetate wet meadow by planting native grass seed after the first rains. 7.Mow meadow of weeds and hand weed Yellow Star thistle the following spring.

Project Ref	Grantee	Subgrantee	Project Name	State
7200055	CDFG	Eel River Restoration Project, PCFFA	Miller Creek Slide Stabilization Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 - 14-AUG-03	Salmon Habitat Protection and Restoration	\$9,988.00	\$0.00	Northern California Coastal

Project Description

The grantee will armor and buttress the actively moving slide using 4 boulder rip-rap buttresses and boulder rip-rap at the toe of the slide along the stream bank. Portions of the slide will be re-contoured to improve drainage and seal tension cracks. Size of the rock within the high water mark will be of a size that will withstand normal high flows. A combination of redwood and Douglas fir trees, totaling 500 trees, will be planted in and around the slide. See Attachment II, which is attached and made part of this agreement by this reference.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210430	CDFG	Siskiyou Resource Conservation District	Moffet Creek Road Abandonment and Decommission	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	07-MAY-03 -	Salmon Habitat Protection and Restoration	\$32,029.00	\$0.00	Klamath

Project Description

Decommission 9 miles of existing timber harvest access roads, including 30 highly erosive crossings.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210411	CDFG	California Conservation Corps - Klamath Ser	Moon Creek Barrier Modification and Habitat Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$40,600.00	Klamath

Project Description

Improve fish passage and instream habitat in Moon Creek by modifying five log barriers and constructing 10 log structures. Barrier modifications will open up more than 2 miles of spawning and rearing habitat for salmonids. Five simple and five complex log structures will enhance pool quality and depth, provide cover for juveniles and adult salmonids, help entrain woody debris, and sort spawning gravels. Instream habitat restoration will take place on 2,000 feet of Moon Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
7200045	CDFG	Northwest Resource	Muddy Creek	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 - 12-OCT-03	Salmon Habitat Protection and Restoration	\$9,049.00	\$0.00	Northern California Coastal

Project Description

The project will improve and protect instream habitat and fish passage for Chinook salmon and steelhead trout by removing a failing log stringer bridge and replacing it with a 10' arch culvert. This will be accomplished by completing the following tasks: A.Remove the log stringer bridge and the associated sediment and debris using an excavator. B.Place a 10 GA 10' arch culvert in the channel aligned with the thalweg. C.Cover the culvert with ballast. D.Armor the exposed banks upstream and downstream of the culvert with ½ ton boulder.

Project Ref	Grantee	Subgrantee	Project Name	State
7200082	CDFG	Sonoma County Water Agency	Mumford Dam Fish Passage and Riparian Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-03 -	Salmon Habitat Protection and Restoration	\$97,375.00	\$0.00	Northern California Coastal

Project Description

Passage will be facilitated through installation of a series of eight cross-vane weirs; adjacent stream banks will be regraded to a stable profile and stabilized with bioengineered structures, geotextile fabrics, native plantings and rock.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230454	CDFG	Bioengineering Associates	Napa River at Napa Valley Wine Company River Restoration Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$78,621.00	San Francisco Bay

Project Description

Conserve mature riparian trees along the Napa River. Reestablish vegetation to rebuild a mature riparian upper bank canopy. Increase plant diversity using native forbs, shrubs, and trees. Stabilize eroding streambanks along the channel. Restore instream and riparian fisheries habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200071	CDFG	Sonoma Ecology Center	Nathanson Creek Revegetation Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-JUL-03 -	Salmon Habitat Protection and Restoration	\$9,947.00	\$0.00	San Francisco Bay

Project Description

1.Remove existing wire revetment from creek bank. Wire that is deeply buried or intertwined with desirable vegetation will be cut out. Wire that is essential to bank stability will not be removed. 2.Remove non-native invasive plants within riparian zone. Vinca major and other invasive annuals will be dug out by hand. 3.Re-vegetate riparian zone with locally propagated native riparian plants to include, oak, maple, buckeye, and bay laurel along the upper and lower creek bank; native grasses on the upper bank; and other native understory vegetation between the upper and lower bank. 4.Any exposed soil that remains after revegetation work is completed, will be seeded and mulched to prevent soil erosion into the creek. 5.Support the property owners in their efforts to showcase this demonstration site for the community, schools, and other stakeholders. This may include photographs and articles for the local media and various local newsletters; outreach to K-12 schools and colleges; outreach to other local landowners and the agricultural community

Project Ref	Grantee	Subgrantee	Project Name	State	
7200094	CDFG	Siskiyou County Resource Conservation Dist	Newton Enhancement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-SEP-03 -	Salmon Habitat Protection and Restoration	\$96,071.00	\$0.00	Klamath

Project Description

Grantee shall remove approximately seventy thousand (70,000) cubic yards of temporary levees at predetermined locations along approximately 1.1 miles of stream. The resulting bedload will be redistributed evenly in the active channel. Treatment prescriptions: Designated Site #1: Approximately five hundred fifty (550) linear feet of the northern bank will be armored with large boulders to a height of seven feet. Large woody debris consisting of trees with root wads will be installed in the toe at intervals acceptable to the DFG Project Manager. Designated Site #2: Approximately five hundred seventy (570) linear feet of the southern bank will be armored with large boulders to a height of seven feet. Large woody debris consisting of trees with root wads will be installed in the toe at intervals acceptable to the DFG Project Manager. Four deflectors, extending twelve to fifteen feet into the channel will be installed and anchored to the bank armoring. The structures shall be installed and designed in such a way as to diffuse high velocity river flows and result in depositional areas between the barbs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230410	CDFG	Eel River Watershed Improvement Group	North Fork Eel River Livestock Exclusion Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$28,664.00	Northern California Coastal

Project Description
 Improve salmonid habitat by fencing off a 3.5 mile section of the North Fork Eel River to cattle access.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210523	CDFG	Eel River Watershed Improvement Group	North Fork Mattole River Bank Stabilization Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$46,806.00	Northern California Coastal

Project Description
 Improve existing salmonid habitat and water quality in the North Fork Mattole River through the creation of scour pools and the prevention of continues bank erosion by the creation of a series of stream channel turning structures and the planting of willow mattress bank protection along a 1,500 foot section of the NF Mattole River.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200092	CDFG	Eel River Watershed Improvement Group	North Fork Mattole River Bank Stabilization Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$6,666.00	\$0.00	Northern California Coastal

Project Description
 The Grantee will protect 450 linear feet of actively eroding bank using 5 redwood or Douglas fir log/boulder wing deflectors, willow mattress, and rock armor. The eroding bank will be sloped back to a 1:2 slope using river-run cobble and gravel. The deflectors will consist of logs greater than 1 foot in diameter and boulders greater than or equal to 4 in diameter. In between each deflector along the resloped bank, a willow mattress will be constructed with rock placed in the toe trench.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230433	CDFG	Lompico Watershed Conservancy	Old Lompico Pool Fish Passage Improvement	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$20,126.00	Central California Coastal

Project Description
 Improve steelhead trout production and survival by removing a substantial impediment to migration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210417	CDFG	California Conservation Corps - Klamath Ser	Panther Creek Barrier Modification and Habitat Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	18-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$49,521.00	Northern California Coastal

Project Description
 Improve access to upper reaches of Panther Creek by modifying four log debris accumulations. Debris modifications will open up more than 2 miles of spawning and rearing habitat for salmonids.

Project Ref	Grantee	Subgrantee	Project Name	State
7200050	CDFG	Elk Valley Rancheria	Peacock Creek Water Diversion Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-SEP-03 -	Salmon Habitat Protection and Restoration	\$19,547.00	\$0.00	Northern California Coastal

Project Description
 1.Grantee will remove an existing intake structure and culvert on Peacock Creek, located in Humboldt County. The specific project location is indicated on the attached site map, made part of this agreement by this reference. 2.The existing structure will be replaced with an undergravel filtration and gallery system, consistent with the design indicated in the attached drawings. Any variation in project design must be approved by the DFG Project Manager 3.All instream work will take place while the site is dewatered by the County of Del Norte and must be completed under their permitting requirements. 4.Any disturbed ground in the project area will be seeded with native grasses, approved by the DFG project manager, and mulched.

Project Ref	Grantee	Subgrantee	Project Name	State
7200081	CDFG	Bioengineering Associates	Pena Creek Storm Damage Repair 2003	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-03 -	Salmon Habitat Protection and Restoration	\$8,159.00	\$0.00	Northern California Coastal

Project Description
 Work will occur at the following locations: Repair Site (1) Ft 1450 left bank. Boulder wing deflector w/redwood log. The log tore loose, has been recovered and will be reinstalled w/additional large boulders. Boulders and log will be cabled together. Repair Site (2.) Ft. 2935 left bank. Boulder wing deflector with redwood 1og cabled in. Some of the uncabled boulders in the area have shifted. We will replace some of the boulders and cable 2 large boulders in the streamside end of the log for additional needed stability. Repair Site (3.) Ft. 2815 to 2975 left bank. The previously installed boulder bank protection was overtopped in last winter's unusually large storm event, cutting a scarp above the rock. An additional line of rock will protect the entire area from being outflanked and isolated. Repair Site (4), the entire irrigation system was severely damaged as flood waters overtopped the streambank and nearby road. Repairs will be made along the entire length of the project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230450	CDFG	Dragon Fly Stream Enhancement	Pole Mountain Creek Large Woody Debris	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$10,402.00	Northern California Coastal

Project Description

To enhance rearing habitat for Steelhead Trout with the placement of LWD and the construction of rock weirs to create pool habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230455	CDFG	County of Sonoma Department of Transport	Porter Creek at Sweetwater Springs Road Fish Passage Barrier Remo	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$266,250.00	Northern California Coastal

Project Description

Restore salmon and steelhead populations in the Porter Creek watershed by removing and replacing two culverts that currently obstruct fish passage.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210528	CDFG	Coastal Stream Restoration Group	Price Creek Channel Stabilization and Cover Enhancement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$98,824.00	Northern California Coastal

Project Description

Stabilize stream channel, provide pool/cover habitat, decommission a section of road and upgrade another road section

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210440	CDFG	Trinity County Resource Conservation Distri	Price Creek Fish Screen Removal Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$28,337.00	Klamath

Project Description

Remove a non-functioning fish screen, remove a log dam, install infiltration gallery, and pipe a 1/4 mile of ditch to eliminate direct diversion and provide improved fish passage.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230424	CDFG	Trout Unlimited - California Council	Pudding Creek Watershed Restoration Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$96,532.00	\$0.00	Northern California Coastal

Project Description

The implementation of upslope restoration prescriptions to reduce road-related sediment in the Pudding Creek watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0250009	CDFG	Cachuma Operation and Maintenance Board	Quiota Creek Fish Passage Enhancement	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$336,793.00	Central California Coastal

Project Description

Replacement of each of nine Arizona road crossings with rock-riffle fishways, in some cases in combination with a boulder weir.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210408	CDFG	Six Rivers National Forest, U.S. Forest Servi	Red Cap Creek Road-Stream Crossing Stormproofing	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	02-JUN-03 -	Salmon Habitat Protection and Restoration	\$99,935.00	\$0.00	Klamath

Project Description

Reduce diversion potential and save approximately 65,000 cubic yards of sediment by constructing rolling dips, installing ditch relief culverts and improving culvert capacity at intermittent and perennial stream crossings on primary forest system access roads.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200058	CDFG	Pacific Coast Fish, Wildlife, and Wetlands Re	Redwood Creek Watershed Improvement	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$9,875.00	\$0.00	Northern California Coastal

Project Description

Complete removal of an expansive stream crossing on a tributary to Panther Creek/Redwood Creek that could not be treated as expected in an existing project. The site has increased in complexity and volume (from the proposal's original estimate of 3,100 cu. yards, to a revised project estimate of 6,000, and what is now 7,900 cu. yards and counting) as the site is being treated.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210434	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Redwood Creek Watershed Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-APR-03 -	Salmon Habitat Protection and Restoration	\$734,646.00	\$0.00	Northern California Coastal

Project Description
 Protect and restore salmonid habitat through implementation of prioritized road decommissioning, erosion control and erosion prevention in the Redwood Creek Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230468	CDFG	California State Parks	Redwood Creek Watershed Sediment Control on Mt. Tamalpais State P	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$100,730.00	\$0.00	San Francisco Bay

Project Description
 Reduce contribution of sediment from specific road sites within Mt. Tamalpais State Park into the Redwood Creek Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
7200046	CDFG	Hackett Timber & Livestock	Refuge Creek	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 - 15-OCT-03	Salmon Habitat Protection and Restoration	\$9,871.00	\$0.00	Northern California Coastal

Project Description
 The project will improve and protect instream habitat for Chinook salmon and steelhead trout by removing a failed 4' culvert and the associated fill and installing a wet raised rock ford. This will be accomplished by completing the following tasks: A.Placing a 6" ABS flex pipe to divert stream flow. B.Removing and end hauling a partially failed 4' culvert and the associated road fill. C.Installing a critical dip and armoring with pit run rock. D.Armoring the channel above the road with 1/2 ton boulder. E.Armoring the lower slope of the road prism with 2 ton boulder. F.Rocking the crossing surface with 3-6" screened rock.

Project Ref	Grantee	Subgrantee	Project Name	State
730000	CDFG		Remainder of the Adaptive Watershed Management Project Funding	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$1,464,447.00	\$0.00	California - Statewide

Project Description
 The specific projects to be funded with this money have not yet been selected.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200056	CDFG	Mattole Salmon Group	Rex's Wing Dam #1 Repair	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$25,696.00	\$0.00	Northern California Coastal

Project Description
1.Grantee will repair erosion damage to the structure known as Rex's Wing Dam #1, located at mile 2.79 of the Mattole River, in Humboldt County. 2.The structure's historical base will be reconstructed with unitized 1+ ton rock. Large woody debris (LWD) will be securely anchored to the rock base using standard techniques and materials. A final layer of unitized 1+ ton rock will be placed atop the LWD matrix. Final project design must be approved in advance by the DFG Project Manager.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230408	CDFG	California Department of Forestry and Fire Pr	Road 630 Decommissioning	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-02 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$105,025.00	\$0.00	Northern California Coastal

Project Description
Decommission 3.5 miles of inner gorge road in the Caspar Watershed. This work will include site specific treatments for stream crossing removals, treating existing and potential cut and fill slope failures, and reducing road surface erosion.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210414	CDFG	McBain and Trush	Rocky Gulch Salmonid Access and Habitat Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$208,100.00	Northern California Coastal

Project Description
Restore coho salmon and steelhead production from Rocky Gulch by 1)replacing the tide gate with a structure that allows fish passage, 2) restoring an estuary above the tide gate to provide high quality salmonid rearing habitat, 3) rehabilitating the channel traversing the pasture to assure suitable fish passage, a riparian corridor, and better drainage of tributaries to Rocky Gulch, 4) set back dikes to restore a 100 ft. stream corridor.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200067	CDFG	Dragon Fly Stream Enhancement	Russian River Tributary Riparian Planting Irrigation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$8,739.00	\$0.00	Northern California Coastal

Project Description

Contractor will install drip irrigation lines to restoration projects (including native multi-species tree plantings and willow structures) implemented in 2001 and 2002 in the immediate riparian corridors along tributaries to the Russian River, including Pena Creek, Ackerman Creek and Mill Creek. In the summer of 2003, contractor will inspect and maintain irrigation lines twice monthly from June through October. At the onset of the rainy season contractor will remove irrigation lines and water pumps from the active channel. In June 2004, contractor will reinstall irrigation lines to projects on Mill Creek and Ackerman Creek and move the entire Pena Creek irrigation system to a multi-species direct riparian planting project on Feliz Creek (to be implemented Winter 2004 by the Russian River Tributary Restoration and Landowner Outreach Program).

Project Ref	Grantee	Subgrantee	Project Name	State
7200048	CDFG	Jack Monschke Watershed Management	Salmon Creek / Pine Drive Bank Stabilization	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$9,870.00	\$0.00	Northern California Coastal

Project Description

The contractor will armor and buttress 300 feet of actively eroding bank using 3 boulder wing deflectors, 150 feet of willow fence, and rock rip-rap. A three foot deep toe trench will be excavated at the toe of the bank. The excavated trench will be backfilled with boulders at least 3 feet in diameter and extending up to the high water mark. Size of the rock from the toe trench up to the high water mark will be of a size that will withstand normal high flows. One wing deflector will be placed at the upper extent of the failing bank and the second placed approximately 40 feet downstream with willow fence placed in between. Rock rip-rap will extend 50 feet downstream from the second deflector to the third deflector at the end of the bank failure.

Project Ref	Grantee	Subgrantee	Project Name	State
7200074	CDFG	Dragon Fly Stream Enhancement	Salmon Creek Bank Stabilization	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-03 -	Salmon Habitat Protection and Restoration	\$5,341.00	\$0.00	Northern California Coastal

Project Description

1.Stabilize 40 ft. of eroding streambank on mainstem Salmon Creek a.Remove any existing poultry wire previously placed on the bank b.Place 24 inch diameter boulders in a toe trench at the base of the bank c.Place additional boulders on top of the rockd toe trench 4ft up the bank and along the entire 40 ft. length of the eroding bank 2.After rocking bank, seed (native grass seed that is shade tolerant if necessary) and mulch any exposed soil resulting from this project in the riparian corridor and/or upslope of the creek to prevent erosion into the creek channel. 3.Place and secure several appropriately sized logs with rootwads in the stream channel pointing upstream to deflect the stream flow away from the bank and to provide habitat for salmonids. Logs will be placed at an angle to deflect stream flow towards the center of the creek, not to the opposite bank and in a manner that does not cause degradation to the channel, banks, the riparian vegetation, or water quality.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210433	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Salmon Creek Watershed Improvement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	28-APR-03 -	Salmon Habitat Protection and Restoration	\$260,140.00	\$0.00	Northern California Coastal

Project Description
Implementation of erosion control, erosion prevention and prioritized road decommissioning on 3.91 miles of road.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210507	CDFG	Jack Monschke Watershed Management	Salmon Creek Watershed Restoration Project HS-2003 Streambank St	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$157,300.00	Northern California Coastal

Project Description
Will improve salmonid spawning and rearing habitat by stabilizing approx. 4,915 linear feet of stream banks at 32 sites in the Salmon Creek Watershed that are currently delivering sediment into Class I or II streams and have a potential, if not treated, to continue sediment delivery over time.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210508	CDFG	Jack Monschke Watershed Management	Salmon Creek Watershed Restoration Project HU-2003; Upslope Resto	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$88,935.00	\$0.00	Northern California Coastal

Project Description
Improve salmonid spawning and rearing habitat by lowering sediment delivery potential from upslope sources in the Salmon Creek watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210509	CDFG	Jack Monschke Watershed Management	Salmon Creek Watershed Restoration Project; Riparian Restoration/Se	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$80,300.00	Northern California Coastal

Project Description
Establish both conifer and hardwood riparian cover, and long-term woody debris, by 35,000 seedlings and cuttings along all Class I reaches identified in the Salmon Creek Riparian Assessment as being under stocked. Re-establish a stable flood plain at 2 sites.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0250010	CDFG	Cachuma Operation and Maintenance Board	Salsipuedes Creek at Jalama Road Fish Passage Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$57,341.00	Central California Coastal

Project Description
 Provide low flow access to 23 miles of habitat by construction of three step pools and a one foot-high concrete flow diversion wall along the top of the existing grade pool structure at the Jalama Road crossing.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210438	CDFG	Trinity County Resource Conservation Distri	Salt Creek Livestock Exclusionary Fence Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$31,138.00	Klamath

Project Description
 To improve local anadromous fish habitat by constructing approximately a mile of livestock exclusionary fencing on Salt Creek in the Hayfork Valley of Trinity County.

Project Ref	Grantee	Subgrantee	Project Name	State
P0250008	CDFG	Mud Creek Ranch	Santa Paula Creek Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$19,579.00	Ventura-San Gabriel Coastal

Project Description
 Restore native So. CA Steelhead habitat 100' upstream from Harvey Dam Fish Ladder to enable increased Steelhead survival in upper reaches of Santa Paula Creek. Remove permanent pump sump and replace with removable, seasonal, fish-friendly (screened) irrigation pump. Also, restore and stabilize 100' section of stream bank with native vegetation and rock.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230467	CDFG	Land Partners Through Stewardship	Santa Rosa Creek Watershed Erosion Control and Prevention Impleme	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$23,896.00	\$0.00	Northern California Coastal

Project Description
 Implement erosion control and prevention plan for road and other upland surfaces on the Wilson road, adjacent to Hood Mountain Regional Park and the McCormick Addition to Sugarloaf Ridge State Park, and draining to steelhead-bearing headwaters of Santa Rosa Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210530	CDFG	Humboldt County Public Works Department	Saunders Creek Culvert Replacement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$259,540.00	Northern California Coastal

Project Description
 Replace existing culvert and provide access to approximately 3,600 feet of potential anadromous fish habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210419	CDFG	Resources Management	Shasta River Riparian Tree Planting on Kuck Ranch	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$27,585.00	Klamath

Project Description
 Restore a 2600 foot section of the Shasta River by planting approx. 1500 rooted riparian trees and several thousand ships on the Kuck Bros. Ranch.

Project Ref	Grantee	Subgrantee	Project Name	State
7200049	CDFG	Eel River Watershed Improvement Group	Shively Creek Erosion Control	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$7,348.00	\$0.00	Northern California Coastal

Project Description
 Site 1: Stabilize approximately 50 feet of failing stream bank using rock armor. Using heavy equipment, rock armor will be placed at the toe of the failure with live willow cuttings placed in the trench before it is back filled, forming a willow wall. Once rock is in place, willow cuttings will be placed between individual rocks across the entire armoring. Site 2: Stabilize 300 feet of stream channel by re-sloping 300 feet of bank and revegetating with willow cuttings by densely sprigging.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230421	CDFG	California Conservation Corps	South Branch Robinson Creek Riparian Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$21,729.00	Northern California Coastal

Project Description
 To keep deer out of the riparian zone by constructing two fences so that the riparian vegetation has a chance to get established which will increase canopy and decrease stream temperatures. Bioengineering structures totaling 210' will help stabilize stream banks and add future canopy to the creek. Rock deflectors will help deflect water away from unstable stream banks.

Project Ref	Grantee	Subgrantee	Project Name	State
7200093	CDFG	ABC Community Center/Main Stem Eel River	South Dobbyn Creek Enhancement Project #2	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-AUG-03 -	Salmon Habitat Protection and Restoration	\$9,992.00	\$0.00	Northern California Coastal

Project Description
 The Grantee will armor a streambank with boulder and willow, and enhance an existing cabled boulder deflector by adding boulders and two logs.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230404	CDFG	Mendocino Redwood Company	South Fork Cottaneva Creek Fish Passage Improvement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 - 09-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$22,578.00	Northern California Coastal

Project Description
 This project will improve fish passage at an identified barrier to adult and juvenile coho salmon and steelhead trout. By replacing a perched culvert with a railcar bridge, the project will make available approximately 1.3 miles of summer rearing and spawning habitat for coho salmon and steelhead trout and an additional 1.2 miles (total of 2.5 miles) of rearing habitat for steelhead trout.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210533	CDFG	Humboldt County Public Works Department	Stanley Creek Culvert Replacement	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$229,353.00	Northern California Coastal

Project Description
Provide access to approximately 9,200' of potential anadromous fish habitat by replacing a failing culvert with one that will not be a barrier to juvenile salmonids.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210531	CDFG	Humboldt County Public Works Department	Stansberry Creek Culvert Replacement	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$187,508.00	Northern California Coastal

Project Description
Provide access to approximately 0.7 miles of potential anadromous fish habitat by replacing failing, undersized culvert with a fish friendly passage (metal box culvert mounted on concrete base with internal weir structures).

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230414	CDFG	Bioengineering Associates	Streeter/Ten Mile Creeks Restoration Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$59,261.00	Northern California Coastal

Project Description
Revegetate and stabilize unstable streambank areas, increase riparian habitat through tree planting and in-stream habitat with log and boulder structures

Project Ref	Grantee	Subgrantee	Project Name	State	
7200078	CDFG	Surprise Valley Ranch, Inc.	Surprise Valley Ranch Bank Stabilization Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$6,600.00	\$0.00	Northern California Coastal

Project Description
Pull back channel slopes to 2:1 maximum slope, place fabric mat on slopes and place rock rip-rap on the affected area. Revegetate as needed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200089	CDFG	Eel River Watershed Improvement Group	Sweasy Gulch Erosion Control Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-03 -	Salmon Habitat Protection and Restoration	\$3,804.00	\$0.00	Northern California Coastal

Project Description

The grantee will upgrade one stream crossing to pass the 100 year flood by installing a 48 inch diameter, 30 foot long culvert with inlet and outlet armoring and a critical dip. The project area is defined by Exhibit C Map, which is attached and made a part of this agreement by this reference. All treatments will be implemented according to Exhibit D, which is attached and made a part of this agreement by this reference. The project site is located on the USGS Bridgeville 7.5 minute quad map within Township 31 North, Range 4 East, Section 7. Stream crossings will be excavated to original width, depth and slope to expose natural channel morphology and armor. Side slopes will generally match original contours above and below the road. Spoils material will be stored in stable locations where it will not erode. If stable spoils storage sites are not available within the project area, they will be end-hauled to a stable storage site outside of the project area. Straw mulch will be scattered over the surface of exposed soil as mulch upon completion of each site.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200047	CDFG	Hackett Timber & Livestock	Sweet Creek Maintenance	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 - 10-SEP-03	Salmon Habitat Protection and Restoration	\$9,978.00	\$0.00	Northern California Coastal

Project Description

The project will improve and protect instream habitat for Chinook salmon and steelhead trout by repairing damage to existing restoration work designed to reduce erosion and sediment delivery to Sweet Creek. This will be accomplished by completing the following tasks: A.Adding 20 tons of ½ ton boulder to a water crossing at site 2. B.Adding 45 tons of 4 ton boulder to existing armored stream bank at site 5 C.Reconstructing the road prism with 60 yards of pit run rock at site 5 D.Adding 30 tons of 2 ton boulder to the inboard slope at site 5 E.Creating two boulder hard points along a 30' reach of eroding streambank using 30 tons of 2 ton boulder at site 5a. F.Armoring 30 feet of inboard ditch with 30 tons of ½ ton boulder at site 1. G.Adding 35 tons of ½ ton boulder to the water crossings at sites 2 - 5. H.Creating two armored rolling dips using 20 tons of ½ ton boulder at sites 6 and 7. I.Adding 10 tons of ½ ton boulder to a water crossing at site 8

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210524	CDFG	Eel River Watershed Improvement Group	Tom Long Creek Tributary Restoration Project, Phase 2	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$24,989.00	Northern California Coastal

Project Description
The objective of this project is to improve spawning and rearing habitat for steelhead trout and to improve water quality and spawning habitat for chinook salmon. This will be accomplished by reducing a major source of sedimentation along a 1,200-foot section of a main tributary to Tom Long Creek. The project will include: resloping 250' of streambank and installing willow mattresses, installing eight willow baffles, placing 15 yards of boulder/log bank armor; installing six complex instream scour/cover structures; and revegetating the project area with 2,000 Douglas fir and alder seedlings.

Project Ref	Grantee	Subgrantee	Project Name	State
7200085	CDFG	Resource Conservation District of the Santa	Topanga Narrows Restoration Planning	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$7,341.00	\$0.00	Ventura-San Gabriel Coastal

Project Description
1.Develop the additional design alternative required by California Department of Transportation (Caltrans) to evaluate possible alternatives to repair and restore 2000 feet of undercut steambank in Topanga Creek while providing for functional use of Topanga Canyon Boulevard, which parallels this important southern steelhead creek. 2.Update and complete the Project Study Report/Project Document Study (PSR/PDS) for the Topanga Narrows Project. The tasks required to complete the project include, but is not limited to, clarification of right-of-way issues for the alternatives, revise the project design for Alternative 1, develop the project design for the new Caltrans required alternative to meet Caltrans specifications, and digitize all related maps.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210410	CDFG	Trinity County Planning Department, Natural	Trinity River Bridge Replacements	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$500,000.00	Klamath

Project Description
Replace the Treadwell Bridge on the Trinity River that prevents implementation of flow regime prescribed for fishery restoration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230456	CDFG	Gold Ridge Resource Conservation District	Tyrone Road Bridge at Tyrone Gulch	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$147,070.00	Northern California Coastal

Project Description
Improve fish passage in Tyrone Gulch a tributary to Dutch Bill Creek, by removing twin culverts and installing a 22' wide by 30' long, pre-cast steel beam-concrete deck bridge supported on driven pilings. Stream bank erosion control and re-vegetation will be installed to reduce construction impacts.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230418	CDFG	Morro Bay NEP	Upper Los Osos Creek Riparian Habitat Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$57,625.00	Central California Coastal

Project Description
Stabilize eroded slopes, provide a well-vegetated floodplain bench, restore the riparian vegetation community using low-profile bioengineered methods while minimizing the loss of agricultural land.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230417	CDFG	Morro Bay NEP	Walters Creek Riparian Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$56,400.00	Central California Coastal

Project Description
Installation of 7,600 linear feet of riparian exclusionary fencing, construction of alternative water sources for the cattle, planting of approximately 8,000 sycamores and willow cuttings, installation of willow brush mattresses on six eroded stream banks and a temporary drip irrigation system to assist new plant establishment

Project Ref	Grantee	Subgrantee	Project Name	State
P0230407	CDFG	Pacific Watershed Associates	Ward Creek, Russian Gulch and Gualala River Watershed Improvemen	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$747,356.00	\$0.00	Northern California Coastal

Project Description
Site specific and prioritized road storm-proofing, erosion control and erosion prevention.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200096	CDFG	Eel River Watershed Improvement Group	Williams Creek Erosion Control	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-03 -	Salmon Habitat Protection and Restoration	\$5,615.00	\$0.00	Northern California Coastal

Project Description
 The Grantee will construct two cabled boulder wing deflectors, 30¿ of willow mattress, and four 20¿ long willow baffles.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200079	CDFG	Eel River Watershed Improvement Group	Willits Mill Creek Adaptive Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$6,808.00	\$0.00	Northern California Coastal

Project Description
 1.Install 5 boulder/log structures redirect streamflow from eroding streambanks. 2.Install willow plantings and willow mattress as needed to provide additional streambank stabilization.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210505	CDFG	Eel River Salmon Restoration Project, PCFFA	Wood Creek Fish Habitat Structure and Barrier Modification Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$45,774.00	Northern California Coastal

Project Description
 Construct 18 complex boulder/log pool habitat structures, protect 150 feet of stream bank and modify one logjam.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230462	CDFG	City of St. Helena	York Creek Diversion Modification Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$138,500.00	San Francisco Bay

Project Description
 Improve adult steelhead passage at the York Creek Diversion Structure by cutting the diversion structure down to stream grade, filling the incised creek channel below the diversion, and constructing boulder weirs that will provide for adult passage; eliminate entrainment of juvenile steelhead into a municipal diversion while maintaining diversion operability by replacing an unscreened diversion with an infiltration gallery below the streambed and a sump to control the rate of diversion.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0130417	CDFG	Mendocino County Department of Transport	Albion River and Marsh Creek Instream Fish Barrier Removals	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$180,470.00	Northern California Coastal

Project Description
Restoration of salmonid access to a total of 16,800 feet of habitat by replacing two undersized culverts with appropriately sized culverts.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110324	CDFG	Rural Human Services	Alexander EcoDairy Riparian Enhancement Project: Moseley Ranch Sit	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$25,801.00	\$0.00	Northern California Coastal

Project Description
Exclude livestock from Tryon Creek and enhance the riparian corridor by fencing and planting native riparian species to improve fish and wildlife habitat and water quality.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-097	CDFG	California Conservation Corps	AmeriCorps Watershed Stewards Project - Member Match	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$292,236.00	Klamath

Project Description
Provide mandatory non-federal match for Watershed Stewards Project members' living allowance, workers' compensation and health care, office space, member per diem, training, field safety equipment, and mileage reimbursement.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200137	CDFG	Trinity County Resource Conservation Distri	Barker Creek Diversion Project Phase III	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-03 - 30-JUN-02	Salmon Habitat Protection and Restoration	\$6,293.00	\$0.00	Klamath

Project Description

The Grantee shall purchase and provide the landowner with an electrical irrigation pump with a capacity of approximately 6 horse power, and the irrigation materials. The Grantee shall provide electrical service to the pump, including all necessary structural, safety and electrical components. Grantee shall coordinate electrical connection through the Trinity Public Utilities District. The Grantee shall install the pump, well, mainline and lateral lines of the irrigation system. Sprinkler heads will be provided by either the landowner or the Grantee through alternative resources. Grantee shall provide irrigation coverage to a minimum 16 acres of pasture. The Department will furnish screen for the intake line if requested.

Project Ref	Grantee	Subgrantee	Project Name	State
7200123	CDFG	Charles Mattila	Bear River Lone Star Ranch Bank Stabilization Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 -	Salmon Habitat Protection and Restoration	\$9,438.00	\$0.00	Northern California Coastal

Project Description

The Grantee will recontour the existing gravel bar to eliminate the side channel. Using the spoils from the gravel bar, the grantee will fill the existing side channel and recontour 600 feet of eroding bank to a 2:1 slope. Along the recontoured bank log, log/boulder and willow siltation baffle, deflector structures will be constructed to prevent further lateral scour and allow the bank to reestablish. On the opposite bank of the main channel, a boulder and a digger log/boulder structure will be constructed to improve pool habitat. Logs placed on the recontoured bank will be anchored in place using çdeadmans.ç The stream banks with in the project reach will be planted with native deciduous trees to further stabilize the banks.

Project Ref	Grantee	Subgrantee	Project Name	State
7200119	CDFG	Coastal Stream Restoration	Bear River Lowery Stabilization Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 -	Salmon Habitat Protection and Restoration	\$9,994.00	\$0.00	Northern California Coastal

Project Description

The contractor will recontour 350' of stream bank, construct 1 cabled boulder deflector, and 4 willow /boulder baffles.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200118	CDFG	William R McBride Logging	Bear River McBride Stabilization Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 -	Salmon Habitat Protection and Restoration	\$9,995.00	\$0.00	Northern California Coastal

Project Description
The Grantee will construct 3 log deflector structures, one cabled boulder deflector, 3 willow baffles, and 20' of boulder bank stabilization. Water will be diverted away from the area being stabilized or wherever work is to be done where flowing water is present. A temporary diversion using coffer dams may be used, but must be breached to return flow to original channel when work is complete. All work except for the revegetation shall take place during the summer and fall low flow period and shall be completed before the first significant seasonal rainfall. Planting of seedlings will take place after December 1 or when sufficient rainfall has occurred to insure the best chance of survival of the seedlings, but in no case later than March 1, 2003

Project Ref	Grantee	Subgrantee	Project Name	State
P0110507	CDFG	California Conservation Corps	Bear River Riparian Planting	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$25,029.00	Northern California Coastal

Project Description
Improve riparian canopy, provide a future source of large woody debris, and increase bank stability by planting 2700 Douglas fir and redwood. Build 4600 feet of livestock control fence.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110331	CDFG	Great Northern Corporation	Beck Irrigation Tailwater Capture Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$21,932.00	\$0.00	Klamath

Project Description
Capture heated, nutrient-rich irrigation tailwater for re-use to prevent degradation of Shasta River; begin reducing other livestock impacts to Shasta River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110503	CDFG	Beginnings, Incorporated	Briceland Sediment Reduction and Water Quality Improvement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$10,736.00	\$0.00	Northern California Coastal

Project Description
Place 120 yards of 1/4 to 1 ton rock to stabilize the Briceland Pond outflow. Armor 25 feet of streambank. Place a rock collar around the outflow end of the horizontal section of culvert. Install an armored critical dip next to the culvert and cut back 20 by 30 feet of steeply exposed slope to its angle of repose. Plant 3 eroded gullies with native plants, seeds and willows, protected with jute cloth.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110547	CDFG	California State Parks	Bull Creek at Big Trees Instream Habitat Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$28,554.00	\$0.00	Northern California Coastal

Project Description
Restore instream salmonid habitat by installing log and boulder structures and reestablishing riparian vegetation along a section of channel that was heavily engineered in the 1960s to protect old-growth redwoods in the Rockefeller Forest. Project seeks to incorporate bio-engineered bank protection structures in Bull Creek at the Big Trees day-use area. Project has added benefit of high exposure to park visitors. Site will be used as an interpretive area explaining the design and purpose of instream rehabilitation and the cooperative effort between the California Department of Fish and Game and California State Parks.

Project Ref	Grantee	Subgrantee	Project Name	State
7200129	CDFG	Winzler & Kelly Consulting Engineers	Clarks Creek Fish Passage Project Supplemental	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 - 15-OCT-02	Salmon Habitat Protection and Restoration	\$0.00	\$23,000.00	Northern California Coastal

Project Description
To achieve this objective, additional funds need to be secured to cover the unforeseen cost-increase associated with purchase of a suitable bridge. The objective will be achieved through the removal and replacement of the existing barrier culvert with a 70-ft long by 20-ft wide prefabricated bridge.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0130432	CDFG	Mendocino County Department of Transport	Deer Creek Instream Culvert Barrier Removal	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-02 -	Salmon Habitat Protection and Restoration	\$97,485.00	\$0.00	Northern California Coastal

Project Description
 Restoration of salmonid access to 3700 feet of habitat by replacing an undersized culvert with a NMFS-approved bottomless pipe arch culvert.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200105	CDFG	Ridge to River	DeHaven Creek Stream Crossings Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-SEP-02 - 14-OCT-02	Salmon Habitat Protection and Restoration	\$6,688.00	\$0.00	Northern California Coastal

Project Description
 The Contractor will replace 2 undersize and plugged culverts on Dehaven Creek road, including one culvert on an unnamed tributary and one culvert on Martin Creek. The culverts shall be designed to allow passage of water, debris, and fish according to Department of Fish and Game criteria.

Project Ref	Grantee	Subgrantee	Project Name	State	
01-024	CDFG	Siskiyou County Resource Conservation Dist	Diversion Improvement Program in Coho Over-Summering Area	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$71,124.00	Klamath

Project Description
 Stabilize streambeds and protect water quality in Coho and steelhead over-summering areas by installing a fish-friendly diversion structure and head gates at 4 locations. Improve instream conditions by installing vortex weirs to provide needed cover and complexity for the reach.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110511	CDFG	Mainstem Eel River Group	Dobbyn Creek at Fort Seward Bridge Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 17-OCT-03	Salmon Habitat Protection and Restoration	\$24,450.00	\$0.00	Northern California Coastal

Project Description
 Improve salmonid spawning and rearing habitat by reducing bank erosion and a major sediment source through the installation of 2 large wood and boulder structures which will protect the streambank and improve habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200100	CDFG	Humboldt County Department of Public Work	East Anderson Creek Maintenance	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Habitat Protection and Restoration	\$0.00	\$1,565.00	Northern California Coastal

Project Description

The project will protect instream habitat for Chinook salmon and steelhead trout by preventing sediment from being delivered to the stream and protecting a recent restoration project that was designed to improve fish passage in East Anderson Creek. This project will be accomplished by excavating an unstable section of stream bank and stabilizing it. Bare soil will be seeded and mulched where possible. A silt fence will be placed in the creek, downstream of the worksite, to lessen impacts to water quality during project implementation. Spoils material will be stored in stable locations where it will not erode. If stable spoils storage sites are not available within the project area, they will be endhauled to a stable storage site outside the project area.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130402	CDFG	Trout Unlimited - California Council	Elk Creek Sediment Control Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$74,324.00	\$0.00	Northern California Coastal

Project Description

Application of sediment controls at selected high-priority sites along a road in the Elk Creek watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110327	CDFG	County of Del Norte	Elk Valley Road/Jordan Creek Box Culvert Stream Rehabilitation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$246,267.00	\$0.00	Northern California Coastal

Project Description

Remove or significantly modify a 288 foot long existing box culvert to facilitate the migration of anadromous fish previously blocked by the culvert.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0130421	CDFG	Mendocino County Resource Conservation	Feliz Creek Riparian Restoration and Fish Habitat Improvement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$43,824.00	\$0.00	Northern California Coastal

Project Description
Improve fish habitat utilizing bioengineering and other CDFG Stream Habitat Restoration Manual techniques that reduce streambank erosion, increase riparian vegetation and provide winter run refugia areas within a specific stream reach.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110335	CDFG	Humboldt Bay Municipal Water District	Fish Screen Retrofit, Humboldt Bay Municipal Water District	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$64,680.00	Northern California Coastal

Project Description
Replace screen panels to make the District's direct diversion facility fish tight, and bring the facility into full compliance with the current CDFG and NMFS fish screening requirements.

Project Ref	Grantee	Subgrantee	Project Name	State
7200111	CDFG	Sotoyome Resource Conservation District	Fuller Creek Road Stormproofing	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-03 -	Salmon Habitat Protection and Restoration	\$63,500.00	\$0.00	Northern California Coastal

Project Description
Implement road surface drainage improvements and upgrade culverts on roads within the Fuller Creek watershed. Upgrade by implementing all or part of the following tasks: Road ripping or decompacting; installing or maintaining rolling dips, critical dips, water bars, and crossroad drains; replacing, maintaining, or cleaning culverts; outsloping road beds, revegetating work sites, and excavating stream crossings with spoils stored on site or end-hauled.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200107	CDFG	Bioengineering Associates	Grape Creek Riparian Corridor Planting	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-OCT-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$9,983.00	Northern California Coastal

Project Description

Bioengineering structures will be enhanced with a rigorous riparian planting project. The riparian plants to be planted will include in channel juncus and carex along with native grasses and mid-canopy riparian plants in appropriate areas along the bank. On the higher portions of bank canopy closing hardwoods will be planted. These planting sites have been identified and measured (see attached planting description). These sites when planted with riparian species will be able to defend against high water stream flows and provide stability for the alluvium soils of the banks. Species included in this proposal include native Non-Pierces disease host plants and trees. Plants will be irrigated through the first 2 growing seasons by the landowner.

Project Ref	Grantee	Subgrantee	Project Name	State
7200134	CDFG	Mattole Salmon Group	Green Fir Augmentation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-SEP-02 - 14-OCT-02	Salmon Habitat Protection and Restoration	\$9,999.00	\$0.00	Northern California Coastal

Project Description

Stabilize a slide area along the mainstem of the Mattole, approximately 9 miles upriver from the mouth, by doing the following: a.Stabilize the slide materials. b.At the toe of the road bench, construct toe trench, fill trench with 2 rows of 1-2 ton rock incorporating the exposed bedrock. c.Excavate the cut bank to a more to a more stable slope and use spoils as the road fill slope material, widening the road approximately five feet. d.Construct an inboard ditch, connecting it to an existing culvert. The ditch will be lined with 20 yards of perm rock and a perforated drain pipe installed and then back filled with remaining perm rock.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130404	CDFG	Sotoyome Resource Conservation District	Gualala River Wood in the Stream Project, Phase III	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$20,284.00	\$0.00	Northern California Coastal

Project Description

Introduce 500 thousand board feet of large woody debris at 10 sites in the Gualala River watershed north of the Wheatfield Fork to create pools and cover habitat for Coho salmon and steelhead trout. Non-merchantable logs will be installed in the stream.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200132	CDFG	Northwest Resource	H.A.Y. Van Duzen River Project 2002	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-SEP-02 - 27-SEP-03	Salmon Habitat Protection and Restoration	\$9,978.00	\$0.00	Northern California Coastal

Project Description
The Contractor will install one boulder wing deflector. The boulders will be anchored using stainless steel cable. Size of the rock with the high water mark will be of a size that will withstand normal high flows.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110311	CDFG	Resources Management	Hart Ranch Little Shasta Exclusion Fence	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$67,137.00	\$0.00	Klamath

Project Description
Permanently protect existing high quality riparian habitat along cold-water refugia section of Little Shasta River on the Hart Ranch.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130401	CDFG	Mendocino Redwood Company	Hayworth Creek Sediment Control and Fish Passage Improvement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$89,711.00	\$0.00	Northern California Coastal

Project Description
Control an estimated 8900 cubic yards of sediment deliverable to Hayworth Creek, improve fish passage to approximately 1 mile of rearing and potential spawning habitat on Gulch Seven by removing 2 culverts and installing 2 bridges.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200140	CDFG	Hackett Timber and Livestock	Howe Forks 2001	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-03 - 17-OCT-03	Salmon Habitat Protection and Restoration	\$9,521.00	\$0.00	Northern California Coastal

Project Description
The project will improve instream habitat for Chinook salmon and steelhead trout by repairing the left bank downstream abutment of the bridge and reinforcing the armor on the right bank, upstream of the bridge. This will be accomplished by completing the following tasks: Lift (approximately 16'), reposition and block the bridge in place. Excavate a 4' trench at the toe of the left bank on the downstream side of the bridge. Armor the left bank with 4-6 ton boulder from bank height down to the bottom of the trench. Place boulder armor behind the existing left bank abutment in the void that has been eroded. Pour a new concrete footing between the boulder and the bridge. Extend the armoring of the right bank, upstream of the bridge, by adding 8' of length and 4' of height with 4-6 ton boulder.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110542	CDFG	Humboldt Fish Action Council	Humboldt Bay Salmon Enhancement and Monitoring Project	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$20,000.00	Northern California Coastal

Project Description
To enhance and augment the chinook salmon population in Freshwater Creek. HFAC will take up to 60,000 chinook salmon eggs, and release the smolts back into Freshwater Creek and its tributaries.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130403	CDFG	Mendocino County Resource Conservation	Hungry Hollow Road Mile Two Upgrade	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$32,963.00	\$0.00	Northern California Coastal

Project Description
Upgrade 1.1 miles of riparian road adjacent to Mill Creek. This will significantly reduce sediment delivery to Mill Creek and will also serve as a demonstration of road upgrading techniques that benefit fisheries.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110337	CDFG	Siskiyou County Resource Conservation Dist	Implementation of Fish Screen Maintenance Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUN-02 -	Salmon Habitat Protection and Restoration	\$68,896.00	\$0.00	Klamath

Project Description
 Develop and implement fish screen maintenance program for 50 fish screens in the Scott River watershed. Expand existing diversion user group function and move toward self-funded program.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110320	CDFG	Indian Creek Ranch	Indian Creek: Decommissioning of Dam/Diversion/Ditch and Dedication	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-03 -	Salmon Habitat Protection and Restoration	\$194,190.00	\$0.00	Klamath

Project Description
 Benefit the anadromous fishery be a dedication to the environment of water that has historically been diverted for agricultural use via a dam/ditch irrigation system.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130428	CDFG	E Center	Jack of Hearts Creek Sediment Reduction Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$21,431.00	Northern California Coastal

Project Description
 Reduce current and potential sediment delivery from Jack of Hearts Creek Road. Upgrade/replace culverts at 11 class II and III stream crossings. Additional general road reshaping on 3.5 miles of native surface road, including installing 10 rocked rolling dips with out sloping and berm removal at selected sites from mile 0 to mile 3.5.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130433	CDFG	Trout Unlimited - California Council	John Smith Creek Barrier Modification and Instream Habitat Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$189,497.00	Northern California Coastal

Project Description
 Replace a culvert at the confluence of John Smith Creek and the North Branch of the Navarro River. The culvert, which constitutes a partial or a complete barrier to upstream fish migration (depending on flows), will be replaced by a flat-car bridge. Place 14 instream structures to improve habitat conditions for Coho salmon and steelhead.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110308	CDFG	City of Arcata	Jolly Giant Creek Fish Passage	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 - 02-DEC-02	Salmon Habitat Protection and Restoration	\$10,213.00	\$0.00	Northern California Coastal

Project Description
 Improve fish passage in a 120 foot section of a 380.5 foot culvert located on Jolly Giant Creek by increasing channel roughness.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110328	CDFG	U.S. Forest Service Klamath National Forest	King Solomon Mine Tailings Dams Reclamation Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$101,072.00	\$0.00	Klamath

Project Description
 Reduce and minimize stream undercutting and the threatened failure of 2 remnant tailings dams and associated sediment from delivery to anadromous fish habitat in Matthews Creek and the South Fork Salmon River.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110512	CDFG	Coastal Stream Restoration Group	Lawrence Creek Riparian Enhancement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$42,257.00	Northern California Coastal

Project Description
 Improve riparian canopy, provide a future source of large woody debris, and increase bank stability by planting 6100 Douglas fir and 2600 redwood trees.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0130405	CDFG	Sotoyome Resource Conservation District	Little North Fork Gualala River Sediment Reduction Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$283,197.00	\$0.00	Northern California Coastal

Project Description
 Decrease the amount of fine sediment in stream gravel and riffle habitat with the objective of increasing production of juvenile steelhead trout and Coho salmon within the Little North Fork Gualala River watershed by regrading roads and installing needed culverts for erosion control and stormproofing.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110302	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Little River Watershed Improvement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$60,076.00	\$0.00	Northern California Coastal

Project Description
Protect and restore salmonid habitat through implementation of prioritized road decommissioning, erosion control and erosion prevention in the Little River Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200120	CDFG	Coastal Stream Restoration	Lower Bear River Channel Stabilization Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 -	Salmon Habitat Protection and Restoration	\$9,995.00	\$0.00	Northern California Coastal

Project Description
The Grantee will open the original channel and recontour upstream end of the eroding bank using the spoils. Along the recontoured bank, 3 log and boulder habitat/deflector structures will be constructed. Rock armor will be placed along the vegetated section of bank at the entrance of the original channel. Willow sprigs will be placed in the toe trench of the rock armoring. On the non-vegetated flood plain terrace rock-armored willow pods will be placed as to slow high water from further eroding the bank.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200103	CDFG	Mendocino County Resource Conservation	Lower Indian Creek Restoration Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-02 -	Salmon Habitat Protection and Restoration	\$16,009.00	\$0.00	Northern California Coastal

Project Description
The Contractor will improve bank stability and add new diverse habitat for salmonid species at approximately three sites in Indian Creek. Remediation work will consist of installing boulder deflectors, rock armoring stream banks, and installing a rootwad to increase complex cover.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110313	CDFG	Siskiyou County Resource Conservation Dist	Lower Kidder Creek Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$28,815.00	\$0.00	Klamath

Project Description
Protect and enhance 1.1 miles of Kidder Creek by improving/constructing 1800 feet of fencing, 5 acres of riparian planting, and 4 hard points to limit bank erosion and improve instream complexity.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110307	CDFG	Coastal Stream Restoration Group	Lower North Fork Mad River Cover Enhancement Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$138,932.00	\$0.00	Northern California Coastal

Project Description
Continue the effort to provide additional pool/cover habitat as well as improved spawning habitat. This will be accomplished by improving and enhancing appropriate stream reaches through the placement of log, rootwad and boulder combinations, deflectors and clusters.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130430	CDFG	West Lake Resource Conservation District	Lower Soda Creek Riparian Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$54,329.00	Northern California Coastal

Project Description
Restore a 640 foot section of Soda Creek by installing 1 boulder structure, stabilizing eroding streambanks, revegetating the stabilized area, and reestablishing a single channel at the confluence with the Eel River.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130420	CDFG	California Conservation Corps	Maacama Creek Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$12,790.00	\$0.00	Northern California Coastal

Project Description
Enhance salmonid habitat in a 800 foot section of Maacama Creek by installing 3 willow walls to help stabilize eroding banks and improve the riparian corridor.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200127	CDFG	Eel River Watershed Improvement Group	Mattole River Single-Wing Boulder Deflectors	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 - 30-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$9,487.00	Northern California Coastal

Project Description
 Construct a series of four boulder wing deflectors to prevent further significant bank erosion into the Mattole River. These deflectors will also provide and protect salmon and steelhead habitat. The rock will be placed with an excavator and the individual rocks will be cabled together with 5/8" galvanized cable. Holes will be drilled into the rocks and the cable will be glued into the holes with an epoxy adhesive.

Project Ref	Grantee	Subgrantee	Project Name	State
7200124	CDFG	Coastal Streams Restoration	McCready Gulch Fish Passage-Barrier Removal	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 - 15-MAR-03	Salmon Habitat Protection and Restoration	\$24,579.00	\$0.00	Northern California Coastal

Project Description
 The Grantee will excavate and remove the existing concrete box culvert, associated concrete headwalls, road fill, two car bodies and other refuse along the bank section and install a flat car bridge or equivalent structure.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110342	CDFG	Great Northern Corporation, Shasta River C	Meamber Tailwater Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$42,698.00	\$0.00	Klamath

Project Description
 Catch, store, pump and re-use irrigation tailwater. This will reduce nutrients, improve water quality, increase water quantity, reduce sediment and improve spawning habitat in the Shasta River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110533	CDFG	Mattole Restoration Council	Middle Creek Riparian Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$13,409.00	Northern California Coastal

Project Description
 Provide diversity and increased shading potential to the riparian canopy of Middle Creek by planting 24,000 native Douglas fir and mixed hardwoods.

Project Ref	Grantee	Subgrantee	Project Name	State
7200131	CDFG	Mattole Restoration Council	Mill Creek Augmentation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 - 30-SEP-02	Salmon Habitat Protection and Restoration	\$2,910.00	\$0.00	Northern California Coastal

Project Description
 At the upstream end of the site, a large boulder and root wad will be anchored to protect a calving-off section of the bank. Downstream two log structures (a one-log and a two-log structure) will be placed and anchored to turn streamflow away from the exposed bank. The logs will be angled upstream and pointed downward into the substrate. The two-log structure will be unitized with a bolt and plate washer. Additionally, rock will be placed downstream of the structures on the left and right banks.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130427	CDFG	Round Valley Indian Tribes	Mill Creek Channel Restoration 2002	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-02 - 21-OCT-03	Salmon Habitat Protection and Restoration	\$0.00	\$25,000.00	Northern California Coastal

Project Description
 Progressively reduce the length of the barren, multi-braided streambed and eventually connect the 2 healthy sections of stream by implementing a series of bioengineering prescriptions to reestablish bank stability and minimize side channel usage while encouraging the development of a single, primary channel.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0185403	CDFG	Save-the-Redwoods League	Mill Creek Watershed Acquisition	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$5,000,000.00	Northern California Coastal

Project Description

Acquire fee title to approximately 24,580 acres in Del Norte County which are the remaining privately owned lands in the Mill and Rock Creek drainages (tributaries to the Smith River), to place the lands in public ownership and management. This will prevent new impacts related to timber harvest to the drainages through elimination of management for timber harvest.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110502	CDFG	California State Parks	Mill Creek Watershed Rehabilitation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$315,146.00	\$0.00	Northern California Coastal

Project Description

Protect and restore salmonid habitat by reducing road related sediment inputs from gullyng, road crossing failure and mass wasting (debris flows, ets.) into Mill Creek. Decommission abandoned logging roads and remove stream crossings. All work sites were inventoried in the Mill Creek Watershed Road Assessment conducted in April and May 2001.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110516	CDFG	Eel River Salmon Restoration Project, PCFFA	Miller Creek Fish Habitat Structure Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$10,979.00	\$0.00	Northern California Coastal

Project Description

Construct 6 complex boulder/log pool scour structures and armor 40 feet of streambank in Buck Gulch, tributary to Miller Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110301	CDFG	County of Del Norte	Mynot Creek Road/Mynot Creek Box Culvert Migration Barrier (Remova	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$372,945.00	\$0.00	Klamath

Project Description

Removal of an existing fish migration barrier on Mynot Creek, an undersized box culvert, and replacement with an arch culvert. Restoration of the upstream and downstream channel by revegetating streambanks. This will facilitate the migration of anadromous fish to 13,600 feet of potential fish-bearing habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110300	CDFG	County of Del Norte	Peacock Creek Fish Passage Barrier Removal Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$349,801.00	\$0.00	Northern California Coastal

Project Description

Remove existing fish migration barrier on Peacock Creek and replace with open bottom culvert. This will open over 7000 feet of stream habitat for utilization by adult and juvenile Coho salmon, Chinook salmon, steelhead trout and cutthroat trout.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0130422	CDFG	Bioengineering Associates	Pena Creek Riparian Restoration and Fish Habitat Improvement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 04-APR-03	Salmon Habitat Protection and Restoration	\$165,985.00	\$0.00	Northern California Coastal

Project Description

Improve fish habitat utilizing bioengineering and other CDFG Restoration Manual techniques that reduce stream bank erosion, increase vegetation and provide winter run refuge areas within a specific stream reach.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0130408	CDFG	Central Coast Resource Conservation & Dev	Pennington Creek Bank Stabilization Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$58,438.00	\$0.00	Central California Coastal

Project Description

Provide improved habitat for steelhead trout in Pennington Creek and reduce sedimentation in Pennington and Chorro Creek and the Morro Bay National Estuary.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200099	CDFG	California Conservation Corps	Peters Creek Fish Passage Improvement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Habitat Protection and Restoration	\$0.00	\$9,985.00	San Francisco Bay

Project Description

Modify the log jam by removing or modifying key grade controlling logs. When logs are removed from the log jam, move them downstream and leave them in the active channel. Use only hand tools and powered-hand tools.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110510	CDFG	Eel River Watershed Improvement Group	Price Creek Riparian Restoration	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$27,210.00	Northern California Coastal

Project Description

Protect salmonid population recovery through protection and restoration of riparian and instream habitat. Prevent pollution to and improve water quality on approximately 19,000 feet of Price Creek and the Eel River. Restore and maintain fish and aquatic wildlife habitat on 6150 feet of Price Creek.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0130429	CDFG	City of Santa Rosa	Prince Creek Memorial Greenway Restoration Project, Phase 3: Santa	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$448,900.00	\$0.00	Northern California Coastal

Project Description

Improve steelhead migration habitat in a reach of Santa Rosa Creek in downtown Santa Rosa by removing concreted rip-rap, installing rock wing deflectors, redwood log habitat structures, and boulder weirs to create pools, riffles and glides, creating a defined low flow channel, and revegetating the channel bottom and banks.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0150012	CDFG	Santa Barbara County Public Works Departm	Quiota Creek Fish Passage Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUN-02 -	Salmon Habitat Protection and Restoration	\$116,950.00	\$0.00	Central California Coastal

Project Description

Provide access to over 24,288 linear feet of perennial spawning and rearing habitat for southern ESU steelhead by replacing (with a bridge) the last remaining Arizona (fair-weather) road crossing on Quiota Creek, a tributary of the lower Santa Ynez River.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110305	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Redwood Creek Watershed Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$184,809.00	\$0.00	Northern California Coastal

Project Description

Protect and restore salmonid habitat through implementation of prioritized road decommissioning, erosion control and erosion prevention in the Redwood Creek watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
7200142	CDFG	Hackett Timber and Livestock	Refuge Creek Culvert Replacement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-03 - 20-APR-03	Salmon Habitat Protection and Restoration	\$9,650.00	\$0.00	Northern California Coastal

Project Description

Replace two 36" culverts prone to plugging with an 8' arch culvert. The following steps will be taken to complete the project: A.Remove the existing culverts, associated debris and fill. B.Place the 8' arch culvert into position. Cover the culvert with ballast. C.Place ½ ton boulder armor on the banks immediately upstream of the arch culvert.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200113	CDFG	Salmon Protection and Watershed Network	Revegetation of Roy's Pools in the Lagunitas Creek Watershed	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-DEC-02 -	Salmon Habitat Protection and Restoration	\$8,657.00	\$0.00	San Francisco Bay

Project Description

1.Plant 15 (fifteen) mature native riparian trees during the winter of 2002-03 on the upslope banks of Roy's pools on San Geronimo Creek, a tributary to Lagunitas Creek, to provide shade for juvenile salmonids. a.Plant native riparian trees to include alder, big leaf maple, and redwood, 10 to 15 ft. in height. b.Enlist and supervise volunteers to assist in planting and care of trees. c.Prepare planting site by removing riprap where necessary and adding natural, non-chemical soil amendments. d.Ensure that any disruption of planting site on the upslope banks of San Geronimo Creek will not cause erosion of sediment into creek. Any erosion control techniques shall be approved by the California Department of Fish and Game (CDFG) Contract Manager, Gail Seymour. 2.Provide irrigation during the summer and fall seasons as necessary

Project Ref	Grantee	Subgrantee	Project Name	State	
7200125	CDFG	Stephen Allen, Winzler and Kelley Consulting	Rocky Gulch Sediment Reduction and Culvert Daylighting Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 - 01-NOV-03	Salmon Habitat Protection and Restoration	\$4,992.00	\$0.00	Northern California Coastal

Project Description

The Grantee will remove approximately 40 feet of culvert. The work will take place approximately 20 feet on either side of an existing sinkhole. Once the existing culvert section is removed, the channel will be excavated according to the attached typical cross section and graded to match the inverts of the two culvert inverts left in place at either end. Grade control will be maintained by the remaining culverts. The stream banks within the project reach will be planted with native deciduous trees to further stabilize the banks. Specific placement of the structures will be made by recommendation of California Department of Fish and Game staff. Grantee will redirect the water line that services the main residence. Approximately 75 feet of new water line will be installed to move the line around the newly exposed channel instead of crossing the new channel and exposing the water line to possible future damage. Rip rap will be installed at the outlet and inlet of the two culvert inlets to provide erosion control at those newly exposed locations. Washed gravel will be placed in the channel bottom to help alleviate erosion in an exposed channel bottom. All disturbed area will be replanted with native vegetation approved by the DFG project manager

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110339	CDFG	California Waterfowl Association	RY Ranch Tail Water Management #5	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$220,198.00	\$0.00	Klamath

Project Description

Collect warm, nutrient-rich tailwater and sediments from 540 acres of irrigated pasture, filter the run-off through a grassy buffer and wetland, hold the water in a deep sump, and return the flows to the high end of the unit for re-use. Improve water quality in the Shasta River, improve water conservation, reduce sedimentation, reduce water temperatures, and provide critical wetland habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110521	CDFG	Jack Monschke Watershed Management	Salmon Creek Watershed Restoration Project 2002, Streambank Stabili	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$91,850.00	Northern California Coastal

Project Description
Improve salmonid spawning and rearing habitat by stabilizing approximately 3200 linear feet of streambanks at 16 sites in the Salmon Creek watershed. Bank protection measures include bioengineered rock armoring, bioengineered structures, plantings of redwood, alder and willow cuttings, and fencing.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110522	CDFG	Jack Monschke Watershed Management	Salmon Creek Watershed Riparian Restoration Project 2002	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$127,050.00	Northern California Coastal

Project Description
Reestablish a stable flood plain, which should stabilize and define approximately 4000 linear feet of stream channel, provide long term large woody debris recruitment and structure, and greatly enhance riparian cover at the proposed work sites in the anadromous reaches of Salmon Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130409	CDFG	San Francisquito Creek Coordinated Resour	San Francisquito Creek Steelhead Passage Improvement Program: Not	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$29,995.00	\$0.00	San Francisco Bay

Project Description
Cut notches in 4 previously identified barriers to adult steelhead migration in order to improve passage, open up spawning and rearing habitat, and increase the steelhead trout population in the San Francisquito Creek watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200117	CDFG	California Department of Transportation	San Luis Obispo Creek Rock Weir	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-03 -	Salmon Habitat Protection and Restoration	\$27,991.00	\$0.00	Central California Coastal

Project Description

Construct one rock weir and grout in place two existing boulder clusters, to create a series of three step pools, within 50 feet downstream from the culvert concrete apron. The new vortex weir shall be constructed of imported rock, approximately 7 meters downstream of the concrete apron. Two existing boulder clusters shall be grouted in place by filling in the voids of existing boulders with concrete

Project Ref	Grantee	Subgrantee	Project Name	State	
7200147	CDFG	City of Santa Paula	Santa Paula Creek Fish Ladder Maintenance Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-OCT-02 -	Salmon Habitat Protection and Restoration	\$9,444.00	\$0.00	Ventura-San Gabriel Coastal

Project Description

¿Damar Construction will enter the streambed from Mudd Creek using a rubber tired excavator. Damar Construction staff will select and move large boulders from the portion of Santa Paula Creek just downstream from the fish ladder. These boulders will then be placed into the eroded area at the base of the fish ladder under the direction of the California Conservation Corp Conservationist. ¿The CCC field crew will provide the labor needed to move the 6¿ cobble from the road down in to the project site. In addition, they will drill and install the 5/8¿ galvanized cable and Hilti anchors in the boulders for added stability. The voids in between the large creek boulders will be filled with 6¿ cobble to further support the bank. ¿Upon exiting the streambed, the heavy equipment operator will re-set any boulders that it was necessary to move to gain access to the work site. The CCC field crew will also provide final site clean-up to ensure excess materials are not left in the creek bed or at the base of the fish ladder.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200102	CDFG	Land Partners Through Stewardship	Santa Rosa Creek Supplemental Watershed Restoration Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-SEP-02 -	Salmon Habitat Protection and Restoration	\$19,625.00	\$0.00	Northern California Coastal

Project Description

1.Improve 2 rolling dips, improve the headwall height at 2 new culvert inlets, add coarse rip-rap to one armored fill stream crossing, add rip-rap to the outlet of one newly installed stream crossing culvert, modify the drain point for one critical rolling dip, and excavating and endhauling a 22 yds3 cutbank failure adjacent a ditch relief culvert inlet. 2.On the Spaulding property (a private in-holding within the McCormick addition to Sugarloaf Ridge State Park) upgrade one stream crossing which plugged and stabilize the adjacent road, to include decommissioning a segment of the road by draining the road with frequent cross road drains, excavating the culvert and all fill at the stream crossing (site#8), and excavating the potential landslide at site#5. Construct 5 rolling dips on the remainder of the Spaulding property to disconnect the remainder of their road system from small stream crossings or small gullies.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110544	CDFG	Eel River Watershed Improvement Group	Sawmill Creek Stream Crossing Upgrade Project #1	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 02-DEC-03	Salmon Habitat Protection and Restoration	\$12,718.00	\$0.00	Northern California Coastal

Project Description
 Improve spawning and rearing habitat for Chinook salmon and steelhead trout. Reduce a potential source of sedimentation from the upper reach of Sawmill Creek. Remove 200 cubic yards of fill material from an old and unstable Humboldt stream crossing. Upgrade and replace culverts in 2 streams. Reslope and install a critical dip. Add 20 yards of angular quarried boulder for bank protection along 50 feet of a cutbank slide.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110315	CDFG	Siskiyou County Resource Conservation Dist	Scott River Fish Screening Program III	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$94,421.00	\$0.00	Klamath

Project Description
 Prevent loss of juvenile salmon and steelhead from diversion ditches by installing 5 self-cleaning fish screens in the Scott River watershed. Fund screening program oversight and provide coordination to screen maintenance.

Project Ref	Grantee	Subgrantee	Project Name	State
7200130	CDFG	Restoration Forestry, Inc.	Seely Creek Teepee Burner Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$1,000.00	\$0.00	Northern California Coastal

Project Description
 Construct a diagonal log weir, root wad, spider log, and scour log habitat structures. Armor 60 feet of bank with rip-rap and a willow wall. 125 yards of eroding perched bank material will be excavated and the spoils stored in a secure location. The site will then be planted with redwoods and willow.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110513	CDFG	Restoration Forestry	Seely Creek Watershed Association 2001 Implementation Proposal	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 04-DEC-03	Salmon Habitat Protection and Restoration	\$156,668.00	\$0.00	Northern California Coastal

Project Description
 Four projects will address 31 sites that include gully stabilization, road decommissioning and culvert replacement.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110532	CDFG	Restoration Forestry	Seely Creek Watershed Association Riparian Planting Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$28,673.00	\$0.00	Northern California Coastal

Project Description
 Address keystone fisheries issues as identified in the Seely Creek Watershed Analysis completed in January 2001 by the Institute for Sustainable Forestry, the Seely Creek Watershed Association and Restoration Forestry. Implementation of this proposal will initiate the restoration of riparian canopy along the upper reaches of Seely Creek, reducing summer water temperature and providing for long-term coniferous large woody debris recruitment.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200133	CDFG	Restoration Forestry Inc.	Seely Skyline Pipe Arch and Fishery Enhancement	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 - 15-OCT-02	Salmon Habitat Protection and Restoration	\$9,860.00	\$0.00	Northern California Coastal

Project Description
 Install two boulder single wing deflectors, armor and buttress the failing cut bank using boulder and rock rip rap incorporating the two wing deflectors. Above the deflectors are two existing grade control structures, the uppermost structure will be lowered and a third will be installed to improve fish passage. Size of the rock with the high water mark will be of a size that will withstand normal high flows.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110316	CDFG	Siskiyou County Resource Conservation Dist	Shackleford Creek Demonstration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUN-02 -	Salmon Habitat Protection and Restoration	\$85,308.00	\$0.00	Klamath

Project Description
 Stabilize streambed and protect water quality in lower Shackleford Creek by providing a fish-friendly diversion structure. Improve instream conditions by installing 3 vortex weirs to provide needed cover and complexity for the reach.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110341	CDFG	Great Northern Corporation, Shasta River C	Shasta River CRMP Tree Wrapping for Beaver Control Proposal	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$3,242.00	\$0.00	Klamath

Project Description
 Wrap approximately 200 riparian trees, 6 inches or more in diameter with wire fencing to prevent beaver damage. Trees will be wrapped with 4 foot high woven no climb fence wire. Holes are 2 inches by 4 inches and wire thickness is 12.5 gauge. Trees to be wrapped will be in the riparian zone of the Shasta River or one of its tributaries that support anadromous fish.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110344	CDFG	Resources Management, Shasta River CRM	Shasta River Riparian Cattle Exclusion Fence	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-JUN-02 -	Salmon Habitat Protection and Restoration	\$56,597.00	\$0.00	Klamath

Project Description
 Construct approximately 7800 feet of new riparian livestock exclusion fencing and 6 stock water access areas. Secure signed agreement to maintain fences with complete grazing exclusion for a minimum of 10 years.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200141	CDFG	Rock Logging	Silva Bridge	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$9,944.00	\$0.00	Northern California Coastal

Project Description

A.Place silt fence(s) as needed in Francis Creek no more than 25' downstream from any bank or channel excavation. B.Excavate approximately 350yds of fill and remove a concrete box culvert from the channel. C.Truck the spoils to a stable location for storage. D.Slope the banks back to a 2:1 ratio. Match the width of the stream banks at baseflow level to that of the contiguous reach downstream. E.Protect the exposed soil above baseflow with locally grown grass hay or seed and straw mulch. F.Place a steel bridge structure over the span and anchor on concrete footings.

Project Ref	Grantee	Subgrantee	Project Name	State
7200121	CDFG	ABC Community Center, Mainstem Eel River	South Dobbryn Creek Enhancement Project #1	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-02 - 31-OCT-02	Salmon Habitat Protection and Restoration	\$4,997.00	\$0.00	Northern California Coastal

Project Description

Place and anchor additional boulders to two existing boulder structures. Reposition and re-anchor any logs of existing structures that are not currently positioned correctly. Boulders will be placed using heavy equipment and all anchoring will be done by the California Conservation Corp. Work will take place in Humboldt County on South Dobbryn Creek T3S, R5E, Sec 23, U.S.G.S. Alderpiont Quadrangle.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110330	CDFG	Trinity County Resource Conservation Distri	South Fork Trinity River Watershed Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$222,718.00	\$0.00	Klamath

Project Description

Implement sediment reducing watershed restoration activities on the road network on U.S. Forest Service lands in the South Fork Trinity River watersheds as recommended by road inventories, watershed analysis, and environmental assessment.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0150011	CDFG	Casitas Municipal Water District	Steelhead Population Monitoring and Passage Facilities at the Robles D	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUN-02 -	Salmon Habitat Protection and Restoration	\$1,500,000.00	\$0.00	Ventura-San Gabriel Coastal

Project Description
Install facilities at the Robles Diversion Dam that will allow for steelhead adult and smolt passage and conduct steelhead population studies in the Ventura River watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110336	CDFG	Siskiyou County Resource Conservation Dist	Sugar Creek Flow Enhancement through Diversion Piping	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$1,417,023.00	\$0.00	Klamath

Project Description
Increase spring, summer and fall instream flows most years in Sugar Creek by at least 5.9 cubic feet per second by decreasing the amount of water diverted for agricultural use in diversions by 1) long-term transfer of adjudicated rights to instream use and 2) elimination of ditch water conveyance losses. Improve instream fisheries habitat in at least 3 miles of Sugar Creek for anadromous fish, especially for rearing juvenile Coho and steelhead. Protect the agricultural beneficial use of water for the health of the economic community by increasing its efficiency and consistency. Set a precedent of cooperative efforts to conserve water for instream fisheries use. Monitor the instream effectiveness of the project for future direction of similar projects.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110318	CDFG	U.S. Forest Service Klamath National Forest	Summerville Road Sediment Reduction Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-03 -	Salmon Habitat Protection and Restoration	\$741,656.00	\$0.00	Klamath

Project Description
Reduce and minimize future chronic and episodic delivery of road-related sediment to anadromous fish habitat from 17.6 miles of Forest road within the Upper South Fork Salmon River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110514	CDFG	Hackett Timber & Livestock	Sweet Creek Riparian Habitat Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$73,236.00	Northern California Coastal

Project Description
Protect deforested and or unstable reaches of Sweet Creek by placement of stock water, exclusion and control fencing; to facilitate the system to resume natural stabilization functions from large woody vegetation. Also, prevent pollution and improve water quality to restore and maintain salmonid habitat by excluding livestock from 7400' of Sweet Creek. Storm proof a legacy logging road to be used for exclusion fence placement and maintenance access including the storm proofing or removal of 1500 yards of potential sediment delivery.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110508	CDFG	Eel River Watershed Improvement Group	Teague Ranch Bank Stabilization Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 - 30-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$31,148.00	Northern California Coastal

Project Description
Improve existing salmonid habitat and migration access in the Van Duzen River through the creation of scour pools and the prevention of bank erosion. Construct a series of hard groins and plant willow mattress bank protection along a 1000 foot section of river bank.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110338	CDFG	Schlumpberger Consulting Engineers	Technical Assistance for Barrier Modification	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUN-02 -	Salmon Habitat Protection and Restoration	\$60,220.00	\$0.00	Klamath

Project Description
Find the most feasible option to ultimately serve the needs of fish passage, enable land owner to obtain his allotted water right, and access for adjacent property owner.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200139	CDFG	Harris Environmental Science	Tom Long Creek Diversion Gully	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-03 -	Salmon Habitat Protection and Restoration	\$9,998.00	\$0.00	Northern California Coastal

Project Description
<p>The grantee will upgrade roads by implementing the following treatments at 9 sites: (Site #1) Excavate 52 cubic yards of skid trail fill and return a diverted watercourse to its original channel. (Site #2) Excavate 116 cubic yards of skid trail fill and return a diverted watercourse to its original channel. (Site #3) Excavate 46 cubic yards of skid trail fill and return a diverted watercourse to its original channel. (Site #4) Excavate 30 cubic yards of skid trail fill and return a diverted watercourse to its original channel. (Site #5) Excavate 650 cubic yards of skid trail fill and return a diverted watercourse to its original channel. (Site #6) Replace an undersized culvert with a 48" diameter x 40' long corrugated metal pipe. Armor the culvert outlet fillslope with rock. Install a critical dip. (Site #7) Replace an undersized culvert with a 60" diameter x 60' long corrugated metal pipe. Excavate 2000 cubic yards of sediment associated with the crossing and stabilize it at a spoils disposal site. Install a critical dip. Armor the culvert outlet fillslope with rock. (Site #8) Replace an undersized culvert with a 48" diameter x 60' long corrugated metal pipe. Excavate 500 cubic yards of sediment associated with the crossing and stabilize it at a spoils disposal site. Install a critical dip. Armor the culvert outlet fillslope with rock. (Site #9) Replace an undersized culvert with a 48" diameter x 60' long corrugated metal pipe. Install a critical dip. Armor the culvert outlet fillslope with rock.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
P0110534	CDFG	Harris Environmental Science	Tom Long Creek Diversion Gully Fixes and Culvert Upgrades	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$22,969.00	\$0.00	Northern California Coastal

Project Description
<p>Contribute to the restoration of Tom Long Creek salmonid populations by reducing chronic fine sediment contributions from actively eroding upslope diversion gullies, and reducing the risk of episodic sediment contributions from currently undersized and poorly aligned stream crossing culverts.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
P0110326	CDFG	Trinity County Planning Department	Trinity River Bridge Replacements	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Habitat Protection and Restoration	\$431,412.00	\$0.00	Klamath

Project Description
<p>Replace Trinity River bridges that in their current condition prevent implementation of flow regime prescribed for fishery restoration.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110531	CDFG	Mattole Salmon Group	Upper Mattole Large Woody Debris 2002	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$23,507.00	\$0.00	Northern California Coastal

Project Description
Improve the quality and quantity of summer and winter habitat for Coho salmon in the upper mainstem Mattole and Thompson Creek through the installation of 12 instream log cover structures (9 complex and 3 simple structures).

Project Ref	Grantee	Subgrantee	Project Name	State
P0110505	CDFG	Sanctuary Forest, Incorporated	Upper Mattole River Watershed Restoration Implementation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-MAY-02 -	Salmon Habitat Protection and Restoration	\$576,644.00	\$0.00	Northern California Coastal

Project Description
Reduce impacts to and restore salmonid habitat through implementation of site-specific and prioritized road decommissioning, upgrading, erosion control and erosion prevention work in the upper Mattole River watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
7200128	CDFG	Mattole Salmon Group	Upper Thompson Creek Road Rehabilitation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUL-02 - 08-NOV-02	Salmon Habitat Protection and Restoration	\$0.00	\$5,582.00	Northern California Coastal

Project Description
Three sites will include installing rock riprap along sections of failing stream bank totaling 170 feet. One site will include filling a 20 foot long low spot in the road with clean rock in order to allow water to efficiently drain off of the road surface.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200135	CDFG	Sanctuary Forest, Inc.	Usal Road Addition	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	26-SEP-02 - 09-DEC-02	Salmon Habitat Protection and Restoration	\$9,983.00	\$0.00	Northern California Coastal

Project Description					
<p>A.The installation of eight rolling dips with rock armoring. This will slow water velocity and sediment transport and prevent runoff from concentrating on the road surface. B.The installation of two rock armored drainage swales. These will function much as rolling dips but will incorporate special rock drain sinks enabling them to handle larger volumes of water flow. C.The construction of five silt dams below the Usal road. The silt dams will be constructed using synthetic fabric, backed by wire mesh meeting the US EPA requirements with posts spaced no more than 10 feet apart and driven at least 12 inches into the ground. D.The maintenance of the five silt dams below the Usal road. Each dam will be inspected: a)at least once per week b)three times per day during the first three significant rain events of the 2002-2003 fall/winter season c)one time per significant rain event thereafter.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State
P0130406	CDFG	Pacific Watershed Associates	Ward Creek/Gualala River Watershed Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$351,299.00	\$0.00	Northern California Coastal

Project Description					
<p>Reduce impacts to and restore salmonid habitat through implementation of site specific and prioritized road stormproofing, erosion control and erosion prevention in Ward Creek, Pole Mountain Creek, and South Fork Gualala River watersheds.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State
7200104	CDFG	California Department of Parks and Recreati	Wilder Ranch Peasley Gulch Bridge	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-SEP-02 -	Salmon Habitat Protection and Restoration	\$50,960.00	\$0.00	Central California Coastal

Project Description					
<p>Remove road crossing at lower Peasley Gulch, including any culvert and all fill material. Build concrete abutments and install rock rip-rap as per conceptual drawings referenced in ATTACHMENT 1, which is attached and made part of this agreement by this reference. Install a bridge superstructure onto the abutments. Apply erosion-control material.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200114	CDFG	Prunuske Chatham	Willow Creek Road Emergency Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-NOV-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$7,650.00	Northern California Coastal

Project Description

1. Provide emergency on-site supervision and on-site training for the implementation of sediment source recommendations from DFG funded assessment on Willow Creek Road to be conducted by Sonoma County public works on 4 miles of road. 2. Road work will include road surface treatments (including removal of berms, outcropping and rocking), construction of rolling ditches and ditch maintenance.

Project Ref	Grantee	Subgrantee	Project Name	State
7200126	CDFG	Eel River Watershed Improvement Group	Yager Creek Erosion Control Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-AUG-03 -	Salmon Habitat Protection and Restoration	\$6,425.00	\$0.00	Northern California Coastal

Project Description

The Grantee will recontour 600 feet of eroding bank to a 2:1 slope. Along the recontoured bank 4 boulder wing deflectors will be constructed. Between the lower 2 deflectors a willow mattress structure will be installed. Between the upper 2 deflectors the bank will be planted with willow cuttings. The stream bank within the project reach will be planted with native deciduous trees to further stabilize the banks. Specific placement of the structures will be made by recommendation of California Department of Fish and Game's Project Manager.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030438	CDFG	Mendocino Redwood Company	Ackerman Creek 8 Mile Bridge	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$60,332.00	Northern California Coastal

Project Description

Remove a fish passage barrier on Ackerman Creek, accomplished by replacing an undersized culvert with a bridge to facilitate improved fish passage. The increased sediment transport will improve flow conditions and possibly the number of pools.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200037	CDFG	California Conservation Corps	Ackerman Creek Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$5,000.00	Northern California Coastal

Project Description

Contractor will improve habitat by protecting unstable streambanks, and increasing canopy along the creek by constructing a 300 ft. willow brush mattress and a series of boulder wing deflectors. The stream bank will be laid back to a smooth 2:1 slope by the excavator operator. A toe trench will be dug 2 feet below stream elevation along the 300 foot of bank for the willow mattress. A toe trench will be dug for the upstream and downstream legs of the deflector and will be keyed at least four to six feet into the stream bank. The apex of the deflector will be at the lowest elevation. The deflector will slope upwards towards the bank at an angle no more than 45 degrees. The three boulder deflectors will be approximately 75 feet apart from each other.

Project Ref	Grantee	Subgrantee	Project Name	State
7200014	CDFG	Mendocino Redwood Company	Ackerman Creek Riparian Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$2,279.00	Northern California Coastal

Project Description

Irrigate 500 trees with a product called DriWATER. This involves placing a tube at the roots of the plants then putting the DRIWATER Gel Pac into the tube. The first year of establishment two Gel Pacs will be added, the second year only 1 Gel Pac will be added.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030430	CDFG	Mendocino Redwood Company	Ackerman Creek Road Sediment Control	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$128,142.00	Northern California Coastal

Project Description

Sediment control treatments at four sites: remove/upgrade failed culverts, rock armor outlets, replace culvert with a bridge, install a cross drain culvert and remediate a large gully along the road.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030494	CDFG	Sonoma County Water Agency	Adobe Creek Fish Passage Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$16,400.00	San Francisco Bay

Project Description
 Provide fish passage through an existing culvert under Old Adobe Road through installation of baffle system that will decrease winter high-flow velocities and increase depth during summer low-flows.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010559	CDFG	California Conservation Corps	Alder Creek Livestock Exclusion Fencing and Riparian Enhancement P	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$29,740.00	Northern California Coastal

Project Description
 Enhance salmonid habitat in a 3000 foot section of Alder Creek by constructing a fence along both banks to limit cattle access and plant native species, which would control erosion and increase canopy in the riparian zone.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010534	CDFG	California Conservation Corps	AmeriCorps Watershed Stewards Project - Member Match	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$284,095.00	Klamath

Project Description
 To engage at least 53 AmeriCorps Watershed Stewards Project members in assessing, conserving, restoring, monitoring, and maintaining anadromous watersheds through education and high quality scientific practices.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200032	CDFG	Art Haschak	Baechtel Creek Weirs Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$3,649.00	Northern California Coastal

Project Description

1.The Grantee will perform work within the Baechtel Creek watershed to remediate approximately 2,000 cubic yards of potential sediment delivery to streams inhabited by salmonids. Remediation work will include the installation of weir structures at approximately four sites along the watercourse where future sediment delivery has been found likely to occur. Work will include keying of rock or redwood logs into the banks creating a series of weirs to stabilize stored sediment. Additional boulders downstream will catch sediment and raise the stream bed allowing fish passage. Boulders left over from weir structures will be placed in locations upstream of weirs in order to create plunge pools and to provide shade and refuge for salmonids. 2.Native willow and conifers will be planted along the stream banks where openings in the canopy exist in order to enhance canopy closure at a spacing of 10 feet by 10 feet. Willows may be planted closer together.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010315	CDFG	Trinity County Resource Conservation Distri	Barker Creek Diversion Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 14-FEB-03	Salmon Habitat Protection and Restoration	\$0.00	\$30,000.00	Klamath

Project Description

To eliminate a diversion dam which is a significant fish barrier on Barker Creek by installing a pump for landowner's irrigation needs.

Project Ref	Grantee	Subgrantee	Project Name	State
7200009	CDFG	Trinity County Resource Conservation Distri	Barker Creek Streambank Stabilization Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-01 - 21-OCT-02	Salmon Habitat Protection and Restoration	\$0.00	\$2,497.00	Klamath

Project Description

Stabilize approximately 100 feet of stream bank. All disturbed area along the left bank will be re-vegetated with willow waddles and stakes. Mulching and seeding will be utilized to prevent bare soil from washing into the creek. The right (East) bank will be re-contoured to a 2:1 slope in order to minimize sediment delivery resulting from the channel redirection following the deflector installation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010558	CDFG	Barnum Timber Company	Barnum Fish Passage Improvement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$49,500.00	Northern California Coastal

Project Description
Improve fish passage by upgrading culverts on fish bearing streams on tributaries to the South Fork Eel River (Redwood/Pollock Creek and Coulborn/Indian Creek) and on fish bearing tributaries to the Mattole River (Baker Creek and Lost Man Creek).

Project Ref	Grantee	Subgrantee	Project Name	State
7200012	CDFG	Wendt Construction	Bear River Moore Project Road Access	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$2,470.00	Northern California Coastal

Project Description
After any use the Grantee shall repair the road in any place where it is appropriate to bring it up to the same condition or better than as when they commenced the use. After hauling is completed for the season, the road shall be graded, ditched, water barred and rolling dipped, and generally put in a condition to withstand the winter in good repair.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010505	CDFG	Wendt Construction	Bear River Moore Property Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 18-MAY-01	Salmon Habitat Protection and Restoration	\$0.00	\$31,791.00	Northern California Coastal

Project Description
Stabilize 400 feet of streambank by constructing 7 boulder wing deflectors and planting with willow. Also add log cover to increase rearing habitat for juvenile salmonids.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010504	CDFG	Karen and Bill Bartleson	Bear River, Bartleson Property Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$9,551.00	Northern California Coastal

Project Description
Reduce sedimentation into the Bear River by sloping the bank, planting Douglas Firs and fencing 575 feet of streambank on the Bear River, and sloping/mulching/fencing a 225 foot gully.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010505	CDFG	Wendt Construction	Bear River, Lowry Property Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 18-MAY-01	Salmon Habitat Protection and Restoration	\$0.00	\$43,748.00	Northern California Coastal

Project Description

Stabilize 300 feet of streambank on the Bear River by installing boulder and log armor and planting willow; stabilize 100 feet of streambank on the South Fork Bear River with boulder and log armor, along with planting willow.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010502	CDFG	William R. McBride Logging	Bear River, McBride Property Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$19,273.00	Northern California Coastal

Project Description

Stabilize approximately 300 feet of stream bank on the Bear River by armoring 130 feet of bank with boulders and installing two boulder wing deflectors.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010364	CDFG	California Conservation Corps - Klamath Ser	Beaver Creek Instream Structure Maintenance Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$15,370.00	Klamath

Project Description

Implement maintenance measures at 48 existing habitat enhancement sites located in the Beaver Creek watershed by repairing, enhancing, or upgrading log structures.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010543	CDFG	Eel River Watershed Improvement Group	Black Dog Creek Stream Crossing Removal Project 1	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$4,651.00	\$0.00	Northern California Coastal

Project Description

Reduce a potential source of sedimentation from the upper reach of Black Dog Creek. The project will include removing approximately 200 cubic yards of fill material from an old, unstable stream crossing, resloping the stream banks and restoring the stream channel to its historic configuration and dimensions; add ten yards of quarried boulder for bank protection; revegetate with willow and alder.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010334	CDFG	Yurok Tribe Watershed Restoration Departm	Blue Creek Watershed Restoration Up-slope Implementation/Training Pr	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$600,000.00	\$200,000.00	Klamath

Project Description
 Large-volume sediment sources will be mitigated through road and skid trail decommissioning and road upgrade/improvements for erosion control.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010531	CDFG	Eel River Salmon Restoration Project, PCFFA	Blue Goo Slide Stabilization Proposal, Phase 3	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$11,459.00	Northern California Coastal

Project Description
 Excavate 5000 to 8000 cubic yards of sediment from catch basins at the base of a slide, to realign the slide's drainage, to construct a boulder overflow channel, to construct several check dams, and to revegetate the site.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010542	CDFG	Richard French	Box Canyon Creek Stream Restoration Project #1	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$3,425.00	\$0.00	Northern California Coastal

Project Description
 Decrease fine sediment load and improve rearing habitat for juvenile steelhead. This will be accomplished by recruiting available large wood into the stream and placing it in a manner that will enhance pool shelter; rip-rap, resloping, and revegetation will stabilize banks.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085024	CDFG	County of Mendocino	Branscomb Road Culvert Improvements	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$43,200.00	\$0.00	Northern California Coastal

Project Description
 Upgrade and install baffles on culvert inhibiting fish passage.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085014	CDFG	Eel River Watershed Improvement Group	Bull Creek Revegetation and Channel Stabilization/Grizzly Creek Instre	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$157,930.00	\$0.00	Northern California Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
7200020	CDFG	Eel River Watershed Improvement Group	Butte Creek Erosion Control Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-SEP-02 - 15-OCT-02	Salmon Habitat Protection and Restoration	\$0.00	\$2,500.00	Northern California Coastal

Project Description

Construct two boulder wing deflectors, willow mattress, and rock armor to protect a total of 150 feet of eroding bank on ¿Up-the Creek¿ tributary to Butte Creek. A total of 800 feet of eroding bank will be protected along Butte Creek tributary to Little Van Duzen River by planting of native conifers and broad leaf trees and use of bio-engineering techniques.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030502	CDFG	Monterey Peninsula Water Management Distr	Carmel River Instream Habitat Restoration	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$68,844.00	Central California Coastal

Project Description

Provide shade and cover for aquatic species over a wide range of flows through installation of large woody debris and riparian plantings.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200010	CDFG	Trinity County Resource Conservation Distri	Carr Creek Cattle Exclusion Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$2,488.00	Klamath

Project Description

Install a solar powered pump, plumbing and fittings on Carr Creek that will provide water to an existing 1,300 gallon tank, thus alleviating the need to allow cattle access to the creek through an existing gate.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010520	CDFG	Eel River Watershed Improvement Group	Chamise Creek Erosion Control Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 18-MAY-01	Salmon Habitat Protection and Restoration	\$0.00	\$10,699.00	Northern California Coastal

Project Description
 Reduce current erosion and prevent future erosion, from this rural road by installing properly sized culverts at two sites and re-contouring the road surface to include outsloping, and the addition of three rolling dips.

Project Ref	Grantee	Subgrantee	Project Name	State
P0085013	CDFG	Coastal San Luis Resource Conservation Di	Chorro Flats Instream Habitat Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$46,209.00	\$0.00	Central California Coastal

Project Description
 Improve steelhead trout summer rearing habitat by installing root wads, boulder clusters, and wing deflectors to increase the number and depth of pools in a 2700 foot section of Chorro Creek located within the Chorro Flats Enhancement Project.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010369	CDFG	Winzler and Kelly	Clarks Creek Fish Passage-Barrier Removal Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 21-APR-03	Salmon Habitat Protection and Restoration	\$134,957.00	\$0.00	Northern California Coastal

Project Description
 Remove and replace the fish migration barrier on Clarks Creek, consisting of removing the existing perched wooden box culvert, with a flatcar bridge. This will improve access to over 5000 feet of upstream habitat for adult and juvenile salmon, steelhead, and cutthroat trout.

Project Ref	Grantee	Subgrantee	Project Name	State
P0085029	CDFG	Humboldt County Public Works Department	Cloney Gulch Culvert Modification	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 29-MAR-02	Salmon Habitat Protection and Restoration	\$7,960.00	\$0.00	Northern California Coastal

Project Description
 Improve access to 11,200 feet of anadromous fish habitat. Reduce jump height and modify outlet structure in order to improve access for adult and juvenile salmonids.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085015	CDFG	San Mateo County, Department of Public Wo	Cloverdale Road Roadside Ditches Upgrade	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 20-FEB-02	Salmon Habitat Protection and Restoration	\$15,500.00	\$0.00	Central California Coastal

Project Description
Reduce or eliminate sedimentation into salmonid fisheries via upgrading the roadside drainage ditches on the tributary to Gazos Creek below Old Woman's Creek.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010360	CDFG	Coastal Stream Restoration Group	Community Involvement/Public Education Program	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$10,345.00	Northern California Coastal

Project Description
Restoration and maintenance projects will be designed and completed by volunteers, with guidance from the Coastal Stream Restoration Group.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010521	CDFG	Eel River Watershed Improvement Group	Connick Creek Stream Restoration Project #1	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$7,864.00	Northern California Coastal

Project Description
To improve spawning and rearing habitat for Chinook salmon and steelhead trout. This will be accomplished by adding habitat and scour along a 1500 foot section of Connick Creek, a tributary to the South Fork Eel River. The project will include installing twelve simple instream scour structures; revegetating the project are with 2000 willow and alder seedlings.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010506	CDFG	Mainstem Eel River Group	Cooper Creek Stream Restoration	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$9,669.00	\$0.00	Northern California Coastal

Project Description
Stabilize 520 feet of bank along Cooper Creek. This will be accomplished by outsloping and willow matressing on 100 foot section of bank; constructing a 300 foot section of willow wall armored every 50 feet with rock. Two small pockets will be armored with rock.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0085007	CDFG	Shasta Valley Resource Conservation Distri	Cowley Ranch Riparian Livestock Exclusion Fence Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$52,018.00	\$0.00	Klamath

Project Description
 Build approximately 10,000 feet of cattle exclusion fence around the riparian corridor of the Little Shasta River.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030515	CDFG	Sonoma County Water Agency	Crocker Creek Dam Removal Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$171,909.00	Northern California Coastal

Project Description
 Restore fish passage to Crocker Creek and stabilize adjacent stream banks. Passage will be facilitated through removal of portions of the Crocker Creek Dam and the installation of a series of weirs; adjacent stream banks will be regraded to a stable profile and stabilized with bioengineered structures, geotextile fabrics, native plantings and rock.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010520	CDFG	Eel River Watershed Improvement Group	Cummings Creek Instructional Instream Structures Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 18-MAY-01	Salmon Habitat Protection and Restoration	\$0.00	\$27,182.00	Northern California Coastal

Project Description
 To place instream structures along the Cummings Creek Interpretive Trail, for instructional and stream enhancement purposes.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200029	CDFG	Forest, Soil and Water, Incorporated	Dago Creek Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$14,133.00	Northern California Coastal

Project Description

The project would treat about 0.8 miles of road by installing rolling dips at approximately 21 locations, installing rocked fords at approximately 7 locations, excavating fill or sidecast at approximately 4 locations, and outslowing road surfaces where appropriate. Additionally, instream barrier modifications would be made at approximately 3 locations in Dago Creek near the road sites.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010574	CDFG	Other, Pacific States Marine Fisheries Commi	DFG Adaptive Watershed Improvement Teams Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$716,997.00	San Joaquin

Project Description

To establish an efficient DFG led process that will implement coast wide all Restoration Program RFP categories except PI and RP in an adaptive, responsive, needs driven program. The program will function with existing and redirected staff and if successful, will serve as a pilot program and a source of experience and information to improve upon the current DFG Fishery Restoration Program and to help create a more efficient RFP management process.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030470	CDFG	Gold Ridge Resource Conservation District	Dutch Bill Creek Fish Habitat Improvement Project #4	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$14,262.00	Northern California Coastal

Project Description

Increase pool cover and frequency through the installation of 3 boulder clusters, 5 cover logs, 1 rock weir in riffle habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030481	CDFG	Dragon Fly Stream Enhancement	Dutch Bill Creek Pool Habitat Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$22,400.00	Northern California Coastal

Project Description
Create and enhance deep pools with the installation of 10 complex log structures and 7 rock weirs.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200038	CDFG	Wright Logging	Dutchbill Creek Pool Enhancement Project Materials Acquisition	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$2,470.00	Northern California Coastal

Project Description
Contractor will load and transport logs to a temporary storage site at the Warm Springs Dam facility.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010563	CDFG	Humboldt County Public Works Department	East Anderson Creek	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$213,968.00	\$0.00	Northern California Coastal

Project Description
Provide access to approximately 1.1 miles of potential anadromous fish habitat by replacing a failing, undersized culvert with a structure that will not be a barrier to adult and juvenile salmonids. The proposed replacement structure is a bottomless multiplate box culvert with cross weirs to provide grade control.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010563	CDFG	Humboldt County Public Works Department	East Mill Creek Culvert Replacement	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$365,150.00	\$0.00	Northern California Coastal

Project Description
Provide access to approximately 2.6 miles of potential anadromous fish habitat by replacing an undersized, steep gradient culvert with a structure that will not be a barrier to adult and juvenile salmonids.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030448	CDFG	Greenfield Ranch Association	Eldridge Creek Riparian Canopy Restoration Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$21,533.00	\$0.00	Northern California Coastal

Project Description
Increase the riparian canopy protecting the creek; create demonstration site for landowners to see two different methods for protecting native riparian canopy from deer browse and antler rubbing; exclusionary fencing to protect natural regeneration of riparian zone.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030421	CDFG	Marin County Open Space District	Fairfax Triangle Restoration and Conifer Fire Road Erosion Stabilizatio	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$21,600.00	\$0.00	San Francisco Bay

Project Description
Restore salmonid habitat in the Woodacre Creek watershed by reducing the amount of fine sediments entering the creek from the Conifer Fire Road. This will be accomplished by installing or performing the following: wet rock crossings, rolling dips, water bars, check dams, berm removal, outsloping, headcut repairs, straw wattles.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030483	CDFG	Dragon Fly Stream Enhancement	Fay Creek Pool Habitat Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$25,486.00	\$0.00	Northern California Coastal

Project Description
Create deep pools and increase stream complexity by installing a total of 6 cover scour logs, 1 fish ladder modification, 10 rock weirs, 2 complex log structures and 5 rock check dams on three separate sites.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030434	CDFG	Dragon Fly Stream Enhancement	Fay Creek Pool Habitat Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$5,452.00	Northern California Coastal

Project Description
Create deep pools and increase stream complexity to improve Coho and steelhead habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010317	CDFG	Siskiyou County Resource Conservation Dist	Finley Ranch Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$32,111.00	Klamath

Project Description
Install bank stabilization/instream structures along an eroding bank on the outside of a meander on the Scott River; improve riparian area by planting trees to develop overstory.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010536	CDFG	California Conservation Corps	Fish and Wildlife Scientific Aides	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$38,539.00	California - Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State
P0085004	CDFG	California Conservation Corps	Fish Habitat Assistants - California Conservation Corps	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 18-MAY-01	Salmon Habitat Protection and Restoration	\$0.00	\$286,500.00	San Joaquin

Project Description
Assist the DFG statewide CCC Coordinator in planning, directing and coordinating activities relating to the development and administration of CCC fish habitat improvement projects for the Shasta-Pacific and the Pacific Bays CCC Districts.

Project Ref	Grantee	Subgrantee	Project Name	State
7200034	CDFG	California Conservation Corps	Forsythe Creek Gully Repair Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$4,825.00	Northern California Coastal

Project Description
The Contractor will repair a 150-foot long gully, install a 160-foot willow brush mattress and plant native vegetation along Forsythe Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030422	CDFG	Bioengineering Associates	Forsythe Creek Riparian Restoration Proposal	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$44,264.00	\$0.00	Northern California Coastal

Project Description
To stabilize and revegetate critical bare and vertical banks along Forsythe Creek using bioengineered structures.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030435	CDFG	Mendocino County Resource Conservation	Forsythe Creek Riparian Tree Establishment	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$6,078.00	Northern California Coastal

Project Description
Reduce water temperatures through tree canopy establishment to improve summer rearing habitat for steelhead.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030512	CDFG	City of San Luis Obispo	Foster Property Acquisition	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$65,000.00	\$0.00	Central California Coastal

Project Description
Acquire 154 acres of land which includes 3/4 mile of high quality salmonid stream habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200026	CDFG	California Conservation Corps	Freezeout Creek Exclusionary Fence Construction and Repair	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$5,199.00	Northern California Coastal

Project Description
Construction of two floating fences and replacing existing fence, which is in disrepair, with new barbed wire fence.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085019	CDFG	County of Del Norte	Frontage Road/Jordan Creek Twin Culverts Stream Rehabilitation Proje	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 12-JUL-01	Salmon Habitat Protection and Restoration	\$83,766.00	\$0.00	Northern California Coastal

Project Description
 Remove and replace two 5 foot diameter corrugated metal pipes, which are deteriorated. These two pipes are immediately upstream of the Jordan Creek box culvert. The two projects should be undertaken at the same time to ensure that each project as modified does not conflict with the other.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010349	CDFG	U.S. Forest Service Klamath National Forest	FY01 Walker Creek Decommissioning	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$387,181.00	Klamath

Project Description
 To prevent future chronic and episodic delivery of road-related sediment to anadromous fish habitat from 19.3 miles of Forest road within the Walker Creek. This will be accomplished by decommissioning roads.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030491	CDFG	Peninsula Open Space Trust	Gazos Creek Uplands Erosion Control Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$100,000.00	Central California Coastal

Project Description
 Control severe erosion problems in gullies and eroding channels to reduce sediment and restore more natural flow pattern on 400-acre section of Gazos Creek uplands. Treatment measures include runoff management measures, gully headcut control measures, channel erosion control measures, treatments for soil piping problems, and other miscellaneous erosion control measures.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030432	CDFG	Bioengineering Associates	Grape Creek at Quivera Streambank Stabilization and Riparian Revege	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$37,637.00	Northern California Coastal

Project Description
 Stabilize and revegetate bare, eroded stream banks along Grape Creek utilizing Bioengineering techniques or rock and vegetation.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200028	CDFG	Bioengineering Associates	Grape Creek Bank Stabilization and Riparian Revegetation Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$7,000.00	Northern California Coastal

Project Description
 Use an excavator to slope back the steep, eroding banks within the project reach to a 2:1 slope. A row of boulders will be placed at the toe, and jute net placed upslope to stabilize the eroding bank. Plant the bank with native riparian trees and understory plants. In total, approximately 350 feet of streambank will be sloped back and revegetated (150' x 15' and 200' x 8').

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085003	CDFG	California Conservation Corps	Grape Creek Enhancement Project #2	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 18-MAY-01	Salmon Habitat Protection and Restoration	\$0.00	\$5,700.00	Northern California Coastal

Project Description
 Enhance salmonid habitat in a 750 foot section of Grape Creek by increasing numbers and depths of pools, stabilizing eroding banks, decreasing channel incision and retaining spawning gravels.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010309	CDFG	Trinity County Resource Conservation Distri	Grass Valley Creek Revegetation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	23-APR-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$123,264.00	Klamath

Project Description
 To reduce sediment entering the Trinity River and continue reforestation work in the Grass Valley Creek watershed by planting 202,500 tree seedlings, 20,000 shrub seedlings, 34,700 grass plugs and 5,300 forbs seedlings in a 100 acre area of the watershed with scarce vegetation and high sheet and rill erosion.

Project Ref	Grantee	Subgrantee	Project Name	State
7200033	CDFG	Sotoyome Resource Conservation District	Gray Creek Supplemental Road Work Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$22,545.00	Northern California Coastal

Project Description
 1. Install three additional culverts (all are located at small streams and the culverts for two of the sites are already purchased and on-site). At five of the recently constructed armored crossings, additional rip-rap sized rock armor will be added to each to insure each functions properly in large storms. Thirteen recently constructed rolling dips and 2 critical dips will be modification to ensure the outlets are sufficiently outsloped to function properly and not fail in the future. Install 3 new rolling dips along the 4.8 miles of road to improve road drainage. Construct 2 additional sediment-settling basins with rocked spillways along road segments that are immediately adjacent to Gray Creek. Apply approximately 100 yds³ of road rock at new or re-worked rolling dip, armored crossings or critical dips.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010507	CDFG	Mainstem Eel River Group	Green Fir Bank Protection and Habitat Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$28,310.00	\$0.00	Northern California Coastal

Project Description
 Reduce sediment delivery into the Mattole mainstem and augment habitat for migrating salmonids by armoring toe of existing and potential failures with structures that also increase instream cover and complex habitat for migrating salmonids or summertime residents.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030484	CDFG	Dragon Fly Stream Enhancement	Green Valley Creek Pool Habitat Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 18-MAY-01	Salmon Habitat Protection and Restoration	\$0.00	\$4,867.00	Northern California Coastal

Project Description
 Create and enhance deep pools in order to improve steelhead and Coho salmon summer and winter rearing habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030425	CDFG	Round Valley County Water District	Grist Creek Fencing and Riparian Restoration Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$20,054.00	Northern California Coastal

Project Description
 Assist private landowners with upgrading and/or constructing new fencing along portions of Grist Creek where livestock are present. This will remove the pressures of livestock grazing and trampling to decrease physical soil compaction and bank shearing of hoof action, to protect riparian communities from over grazing, and to replant indigenous riparian species to promote recolonization by native species.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085014	CDFG	Eel River Watershed Improvement Group	Grizzly Creek Salmon Restoration Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$68,033.00	Northern California Coastal

Project Description
 Improve salmonid spawning and rearing habitat through the installation of large wood and boulder structures to trap gravel and build pool habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030431	CDFG	Sotoyome Resource Conservation District	Gualala River Wood In the Stream Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$15,461.00	Northern California Coastal

Project Description
 Introduce woody debris at 11 sites to create pools and cover habitat for Coho salmon and steelhead, by installing non-merchantable logs into the streams.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030458	CDFG	Sonoma County Regional Parks	Healdsburg War Memorial Dam Fish Ladder	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$450,000.00	\$0.00	Northern California Coastal

Project Description
 Enable upstream passage for migrating species.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200005	CDFG	Mendocino County Resource Conservation	Holmes Ranch Road/Mill Creek Sediment Reduction Adaptive Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JAN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$10,562.00	Northern California Coastal

Project Description
 The Contractor will perform work on Holmes Ranch Road and adjacent roads to remediate approximately 800 cubic yards of potential sediment delivery to Mill Creek.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010363	CDFG	California Conservation Corps - Klamath Ser	Horse Creek Instream Structure Maintenance Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$2,335.00	Klamath

Project Description
 Implement maintenance measures at 6 existing habitat enhancement sites located in the Horse Creek watershed by repairing, enhancing, or upgrading log structures.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010515	CDFG	Hackett Timber & Livestock	Howe Creek Project 2001	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$121,542.00	Northern California Coastal

Project Description
 Protect deforested and/or unstable reaches by placement of stock water, exclusion/control fencing. Enhance instream habitat with log or stump placement; stabilize reaches with boulder structures. Upgrade a current ford site and temporary stream crossing site on Howe Creek used for log hauling and livestock herd crossing, to a permanent steel bridge; provide livestock water along the riparian zone to prevent instream watering; protect 1000 feet of riparian habitat along Howe Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010515	CDFG	Hackett Timber & Livestock	Howe Forks Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$28,936.00	Northern California Coastal

Project Description
Upgrade a current ford site and temporary stream crossing site on Howe Creek used for log hauling and livestock herd crossing, to a permanent steel bridge; provide livestock water along the riparian zone to prevent instream watering; protect 1000 feet of riparian habitat along Howe Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010313	CDFG	Rural Human Services	Hunter Creek Stream Bank Stabilization Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$31,572.00	\$0.00	Klamath

Project Description
Improve fish habitat along 350 feet of cut bank on Hunter Creek by installing 8 instream structures to provide cover complexity and improved bank stability. Plant native vegetation to include willow, alder and conifers to restore riparian habitat within project reach.

Project Ref	Grantee	Subgrantee	Project Name	State
P0085011	CDFG	Monterey Peninsula Water Management Distr	Improve Steelhead Passage: Old Carmel Dam	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$29,906.00	Central California Coastal

Project Description
Improve physical conditions for the upstream and downstream migration of adult steelhead in the mainstem of the Carmel River. The modifications will result in deeper and/or slower water through locations where the existing physical conditions do not meet design criteria for upstream migration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085011	CDFG	Monterey Peninsula Water Management Distr	Improve Steelhead Passage: Pine Creek Confluence	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$29,906.00	\$0.00	Central California Coastal

Project Description
 Improve physical conditions for the upstream and downstream migration of adult steelhead in the mainstem of the Carmel River. The modifications will result in deeper and/or slower water through locations where the existing physical conditions do not meet design criteria for upstream migration.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085011	CDFG	Monterey Peninsula Water Management Distr	Improve Steelhead Passage: San Clemente Ford	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$29,906.00	Central California Coastal

Project Description
 Improve physical conditions for the upstream and downstream migration of adult steelhead in the mainstem of the Carmel River. The modifications will result in deeper and/or slower water through locations where the existing physical conditions do not meet design criteria for upstream migration.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085011	CDFG	Monterey Peninsula Water Management Distr	Improve Steelhead Passage: San Clemente Reservoir	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$29,906.00	Central California Coastal

Project Description
 Improve physical conditions for the upstream and downstream migration of adult steelhead in the mainstem of the Carmel River. The modifications will result in deeper and/or slower water through locations where the existing physical conditions do not meet design criteria for upstream migration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030456	CDFG	E Center	Indian Creek Restoration Project I	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$8,626.00	Northern California Coastal

Project Description
Rock/willow baffles will be used to stabilize 130 feet of stream bank along Indian Creek. Approximately 150 cubic yards of sediment will be saved from recruitment to the channel. A large volume of sediment in the road prism will be protected from undermining. Rooted vegetation and willow stakes will be planted for stabilization.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030457	CDFG	E Center	Indian Creek Restoration Project II	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$18,244.00	Northern California Coastal

Project Description
Stabilize the streambank at four sites to prevent further input of sediment into the channel; collect surface run-off and send outflow through downspout to avoid the slide; terrace and plant one unstable area to establish a stabilizing root system.

Project Ref	Grantee	Subgrantee	Project Name	State
P0085012	CDFG	Monterey Peninsula Water Management Distr	Inflow Bypass-Rancho San Clemente Creek Reservoir	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$5,642.00	\$0.00	Central California Coastal

Project Description
Reconstruct the release works at Rancho San Clemente Creek Reservoir to increase stream flow in San Clemente Creek and to facilitate the filling and emptying of RSCCR during the spring and late fall.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030487	CDFG	Trout Unlimited, Trout Unlimited - California C	Irrigation for Restoration Projects	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$14,565.00	Northern California Coastal

Project Description
Irrigate new and existing bioengineering restoration projects and native vegetation planting sites along streams. The irrigation system would be mobile so that many restoration sites could benefit. The restoration sites, when properly watered, will increase the chance of survival of plants and bioengineering sites which will provide shade to the stream and bank stability.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010365	CDFG	City of Arcata	Jolly Giant Creek Channel	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$15,890.00	\$0.00	Northern California Coastal

Project Description
Increase channel capacity, stabilize, install log/boulder structures at three selected sites, improve riparian conditions along approximately 350 feet of stream bank.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010319	CDFG	Rural Human Services	Jordon Creek Barrier Modification Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 15-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$44,282.00	Northern California Coastal

Project Description
Improve salmonid fish passage on Jordan Creek by removing one undersized culvert crossing. Purchase one rail car to replace removed culvert stream crossing. Plant native vegetation to include willow, alder and conifers to restore riparian habitat within said project reach.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010521	CDFG	Eel River Watershed Improvement Group	Kay Creek Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$44,381.00	Northern California Coastal

Project Description
 Improve spawning habitat for Chinook salmon and spawning and rearing habitat for steelhead. This will be accomplished by reconstructing the lower 1,000 feet of Kay Creek in its historic channel. Fencing will be established at 50 feet from the centerline of the creek to assure protection for the emerging bottomland riparian system.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010329	CDFG	California Conservation Corps - Klamath Ser	Kelly Creek Riparian Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-MAY-03 - 11-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$8,790.00	Northern California Coastal

Project Description
 Enhance riparian corridor by providing a major conifer component to 4000 feet of Kelly Creek to stabilize stream banks and provide future recruitment of large woody debris. 2500 conifers will be planted on 20 acres of stream terraces and 20-25% of the alder canopy will be modified to reduce competition and promote maximum growth.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030416	CDFG	San Lorenzo Valley Water District	Kings Creek Concrete Removal	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$45,405.00	\$0.00	Central California Coastal

Project Description
 Removal of large concrete debris in creek, which is causing significant streambank erosion and downstream siltation. Disturbed banks will be revegetated with native riparian species.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010322	CDFG	Great Northern Corporation	Kuck Ranch Riparian Livestock Exclusion Fence Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$46,930.00	Klamath

Project Description
 To rebuild the riparian zone by building an exclusion fence.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030443	CDFG	Marin Municipal Water District	Lagunitas Creek Riparian Management Projects - State Lands	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$21,380.00	\$0.00	San Francisco Bay

Project Description
Enhance stream habitat by establishing riparian trees and overhanging streamside vegetation adjacent to pools, where openings in canopy cover could be reduce; large woody debris recruitment.

Project Ref	Grantee	Subgrantee	Project Name	State
P0085020	CDFG	Marin Municipal Water District	Lagunitas Creek Sediment Management Projects- Federal Lands	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 30-APR-03	Salmon Habitat Protection and Restoration	\$284,944.00	\$0.00	San Francisco Bay

Project Description
Improve streambed conditions in the Lagunitas Creek system by reducing the load of fine sediments entering the creek.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030437	CDFG	Marin County Open Space District	Lagunitas Creek Watershed Joint Agency Fire Road Erosion Control D	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$12,078.00	San Francisco Bay

Project Description
Reduce erosion and fine sediment loading by restoring a 1200 foot section of Summit Fire Road using best management practices including outsloping of road surface, water bars, rocked water crossings and revegetation; to create a model project to facilitate agency cooperation for a future road management program in the San Geronimo Creek Watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030442	CDFG	Marin Municipal Water District	Lagunitas Creek Watershed Roads	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$79,080.00	\$0.00	San Francisco Bay

Project Description
Improve 7 miles of actively used dirt roads and close 1 mile of an abandoned dirt road to reduce sediment sources and improve streambed conditions for the benefit of Coho and steelhead.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010577	CDFG	Wild River Conservancy	Larabee Creek Corridor Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$39,236.00	Northern California Coastal

Project Description
The objective is to improve spawning for Chinook and spawning and rearing habitat for steelhead. This will be accomplished by creating a variety of instream repairs along a 1.2 mile reach of Larabee Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010531	CDFG	Eel River Salmon Restoration Project, PCFFA	Leggett Creek Barrier Modification Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$24,506.00	\$8,652.00	Northern California Coastal

Project Description
Provide fish passage by modifying two large log jams.

Project Ref	Grantee	Subgrantee	Project Name	State
P0085003	CDFG	California Conservation Corps	Little Briggs Creek Enhancement Project #2	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 18-MAY-01	Salmon Habitat Protection and Restoration	\$9,990.00	\$0.00	Northern California Coastal

Project Description
Enhance salmonid habitat in a 1900 foot section of Little Briggs Creek by installing fish habitat structures, stabilizing eroding banks, and improving the riparian corridor.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010376	CDFG	Trinity County Department of Transportation	Little East Fork Canyon Creek Bridge Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$156,478.00	\$0.00	Klamath

Project Description
 Replace an undersized culvert and barrier with a bridge and natural bottom channel.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085006	CDFG	Siskiyou County Department of Public Works	Little Humbug Creek Barrier Removal Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 18-OCT-01	Salmon Habitat Protection and Restoration	\$150,000.00	\$0.00	Klamath

Project Description
 Remove a three foot high jump into a culvert and replacing it with a small bridge. This will allow natural bottom fish passage to five miles of habitat upstream of the site.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010520	CDFG	Eel River Watershed Improvement Group	Little Muddy Creek Culvert Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$4,462.00	Northern California Coastal

Project Description
 To upgrade the culvert crossing on Little Muddy Creek by replacing it with a longer culvert properly aligned with the creek and set deeper into the substrate.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030465	CDFG	Trout Unlimited - California Council	Little North Fork Navarro River Watershed Restoration Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$136,051.00	Northern California Coastal

Project Description
 Reduction/elimination of sediment sources from roads. At a minimum, 2 new culverts, 6 new rolling dips, 60 feet of rip-rapping, and one flat-car bridge will be installed. An unquantified number of features will be removed, strengthened, or otherwise improved.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010320	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Little River Watershed Improvement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$167,130.00	Northern California Coastal

Project Description
Protect and restore salmonid habitat through implementation of prioritized road decommissioning, erosion control and erosion prevention work in the Little River watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-317	CDFG	California Department of Fish and Game	Little Shasta River Fish Passage and Flow Augmentation Investigation	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-DEC-01	Salmon Habitat Protection and Restoration	\$0.00	\$34,500.00	Klamath

Project Description
To provide unrestricted salmonid access to continuous and stable habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085010	CDFG	California Conservation Corps, Los Padres S	Los Osos Creek/Morrissey Property Stream Habitat Restoration Projec	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$30,080.00	\$0.00	Central California Coastal

Project Description
Reduce sediment sources by protecting toes of slopes and re-establishing streambank vegetation along a reach that has been adversely impacted by strong winter storms in recent years.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030466	CDFG	California Polytechnic State University Found	Lower Scotts and Queseria Creeks Riparian Restoration Project in So	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$68,102.00	Central California Coastal

Project Description
Restore natural hydrologic functioning to lower Scotts Creek and Queseria Creek by removing channelization devices and creating a riparian corridor for Queseria Creek. One stream crossing removed, 1000 woody perennials planted, 35 eucalyptus trees removed, 750 feet of new channel constructed, 4000 feet of levee breached.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010537	CDFG	California Conservation Corps	Mark West Creek Stream Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$5,479.00	\$0.00	Northern California Coastal

Project Description
 Improve salmon habitat by reducing the amount of sediment entering Mark West Creek and increasing riparian habitat complexity by redirecting fallen trees and installing willow mattresses.

Project Ref	Grantee	Subgrantee	Project Name	State
7200039	CDFG	Wright Logging	Materials Acquisition for Russian River Tributary Pool Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$2,470.00	Northern California Coastal

Project Description
 As soon as funding is acquired, contractor will load and transport logs to a temporary storage site at the Warm Springs Dam facility.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010368	CDFG	Humboldt County Public Works Department	Mather Creek Culvert Replacement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$177,064.00	\$0.00	Northern California Coastal

Project Description
 Provide access to approximately three miles of potential anadromous fish habitat by replacing a failing, undersized culvert that poses a barrier to fish passage.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030427	CDFG	Jeffrey Hedin	McCoy Creek Instream Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$20,451.00	Northern California Coastal

Project Description
 Stop or reduce a major slide's continued threat of excessive erosion into the salmonid bearing McCoy Creek; redirect the creek into its natural mid-channel bed to reclaim steelhead habitat structure; move the creek channel away from the toe of the slide to decrease its chances of blocking access to the spawning grounds.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010323	CDFG	Coastal Stream Restoration Group, Humboldt	McCready Gulch Fish Passage-Barrier Removal Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$114,903.00	\$0.00	Northern California Coastal

Project Description
Remove barriers to fish migration on McCready Gulch, consisting of a box culvert and two instream weirs. This will open approximately 9,000 feet of stream habitat for utilization by juvenile Coho salmon, steelhead trout, and cutthroat trout.

Project Ref	Grantee	Subgrantee	Project Name	State
P0085002	CDFG	California Conservation Corps	McDowell Creek Stream Enhancement Project 2000	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 15-MAR-02	Salmon Habitat Protection and Restoration	\$112,715.00	\$0.00	Northern California Coastal

Project Description
Improve 3780 feet of juvenile and adult steelhead trout habitat in McDowell Creek by utilizing erosion control/riparian enhancement techniques such as willow walls, willow revetments and brush mattresses.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030463	CDFG	Pacific Watershed Associates	McKenzie Creek Watershed Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$358,547.00	Northern California Coastal

Project Description
Implement cost-effective erosion control and erosion prevention work on roads and road segments identified as higher priority treatment sites determined by the comprehensive watershed assessment and inventory project completed in March, 2000. Specifically, storm-proofing (upgrading) a number of open and maintained roads within the Sea View Ranch subdivision will be completed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0085008	CDFG	Siskiyou County Department of Public Works	Merrill Creek Barrier Removal Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$350,413.00	\$0.00	Klamath

Project Description
Remove a six foot high jump at the outfall of a culvert by replacing it with a bridge. This will allow natural bottom fish passage to critical habitat above.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010563	CDFG	Humboldt County Public Works Department	Mill Creek Culvert Replacement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$365,150.00	\$0.00	Northern California Coastal

Project Description
Provide access to approximately 1.3 miles of potential anadromous fish habitat by replacing a culvert with a structure that will allow passage for adult and juvenile salmonids.

Project Ref	Grantee	Subgrantee	Project Name	State
7200042	CDFG	California Conservation Corps	Mill Creek Planting Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$2,500.00	Northern California Coastal

Project Description
The Contractor will plant native trees at a minimum of two sites where canopy is lacking. Seeds would be collected in the Mill Creek watershed in the project area and then propagated until ready for planting. For each tree, Contractor will scalp a 2½x2½ section of weeds, dig a hole with an auger and post hole digger, and then plant the tree. The trees will be planted approximately 8½ apart from one another. The trees will consist of approximately 150 redwood, 175 fir, and 100 coast live oak in open bottom 9½ tree bands.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010524	CDFG	Mattole Restoration Council	Mill Creek Watershed Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$27,804.00	Northern California Coastal

Project Description
Sediment yield mitigation through road upgrades, crossing removals, and streambank armoring in the riparian zone.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030436	CDFG	Mendocino County Resource Conservation	Mill Creek Watershed Restoration Project, Bates Property Road Upgrad	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$40,479.00	Northern California Coastal

Project Description
 Perform comprehensive road upgrades or road closures on approximately 2.5 miles of roads on and leading to the Bates Property, in order to reduce sediment input to Mill Creek and Little Mill Creek. The proposed work would prevent approximately 3,000 cubic yards of sediment from entering the stream system.

Project Ref	Grantee	Subgrantee	Project Name	State
7200036	CDFG	Dragonfly Stream Enhancement	Mission Creek Fish Passage Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$4,423.00	Northern California Coastal

Project Description
 Contractor will remove the barrier in stages, no more than one log below stream grade to prevent a large amount of sediment from entering the stream at one time. Removal of LWD will be accomplished by hand and a truck winch. The contractor will install the removed LWD in pool habitat created by newly constructed rock weirs, in a manner consistent with the techniques described in the "California Salmonid Stream Habitat Restoration Manual".

Project Ref	Grantee	Subgrantee	Project Name	State
P0030480	CDFG	Dragon Fly Stream Enhancement	Mission Creek Pool Habitat Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 18-MAY-01	Salmon Habitat Protection and Restoration	\$0.00	\$11,580.00	Northern California Coastal

Project Description
 Create and enhance deep pools.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030497	CDFG	Sonoma County Water Agency	Mumford Dam Fish Passage and Riparian Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$279,302.00	Northern California Coastal

Project Description
Provide fish passage over the Mumford Dam and restore 720 feet of adjacent stream bank. Passage will be facilitated through installation of a series of eight cross-vane weirs; adjacent stream banks will be regraded to a stable profile and stabilized with bioengineered structures, geotextile fabrics, native plantings and rock.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010537	CDFG	California Conservation Corps	Napa River Arundo Removal Project #2	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$15,000.00	San Francisco Bay

Project Description
Enhance salmonid habitat in a 4500 foot section of the Napa River by removing Arundo donax and replanting with native vegetation.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030449	CDFG	Bioengineering Associates	Napa River at Larkmead Streambank Stabilization and Riparian Revege	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 18-MAY-01	Salmon Habitat Protection and Restoration	\$0.00	\$45,978.00	San Francisco Bay

Project Description
Stabilize and revegetate bare, eroded stream banks along Napa River.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030441	CDFG	Cary-Conolly Ranch, LLC	Napa River Riparian Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$23,010.00	\$0.00	San Francisco Bay

Project Description
Stabilize eroding stream banks using bioengineering techniques; open-up braided channels and point bar sediment deposits by removing vegetation from the channel.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010328	CDFG	U.S. Forest Service Klamath National Forest	No Mans/Daggett Creek Stream Diversion Prevention Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$44,400.00	Klamath

Project Description
 Prevent stream flows that exceeded the capacity of the existing culvert to be diverted quickly back into the stream course, and not diverted down the road system. This will be accomplished by installing 30 rolling dips along Forest roads.

Project Ref	Grantee	Subgrantee	Project Name	State
7200006	CDFG	California Conservation Corps - Klamath Ser	North Coast Riparian Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JAN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$20,000.00	Klamath

Project Description
 Improve riparian habitat along selected areas of Terwer Creek, Hunter Creek and McGarvey Creek, Blue Creek and Ah Pah Creek, tributaries to the Klamath River in Humboldt and Del Norte Counties, and also improve riparian habitat along selected areas of Rowdy and Little Mill Creek, tributaries to the Smith River in Del Norte County. The Grantee will improve approximately 250 acres of riparian habitat by planting a combination of 35,000 two year old, nursery stock, conifer seedlings consisting of douglas fir, coastal redwood and spruce. The Grantee will enhance survival of the planted seedlings by manually girdling or falling a minimum of 10% of the shading, dominant red alder trees at the site.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030415	CDFG	San Mateo County Parks and Recreation Divi	Old Haul Road Trail Drainage Improvement Project #2	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-APR-03	Salmon Habitat Protection and Restoration	\$102,373.00	\$0.00	San Francisco Bay

Project Description
 Improve drainage with replacement and addition of 47 culverts and energy dissipaters, regrade and place six inches of compacted rock on 5.7 miles of dirt road.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200003	CDFG		Oregon Fires Sediment Reduction Plan	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-01 - 28-JAN-02	Salmon Habitat Protection and Restoration	\$0.00	\$15,242.00	Klamath

Project Description
 Broadcast native plan seeds over 35 acres of fire-damaged habitat on privately owned land. The seed will be covered and mulched with erosion resistant, weed-free material. Land Parcels and locations will be identified by the Project Manager. Construct eight (8) straw bale dams in selected draws to be determined by the Project Manager. Install a sediment riser on an existing 36" culvert that will act as a large sediment retention basin.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030477	CDFG	Hopland Research and Extension Center	Parsons Creek Riparian Corridor Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-APR-03	Salmon Habitat Protection and Restoration	\$50,665.00	\$0.00	Northern California Coastal

Project Description
 To restore the riparian corridor of Parsons Creek by excluding native and domestic herbivores, and by planting and irrigating woody riparian species. This will increase canopy cover for the creek, lower water temperature, stabilize stream banks, promote the deposition of fine sediment on the floodplain and, through time, contribute large woody debris to the stream.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030476	CDFG	Hopland Research and Extension Center	Parsons Creek Watershed Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$182,828.00	Northern California Coastal

Project Description
 56 road sites will be treated through erosion prevention techniques including critical dips, CMP replacements, soil excavation, rolling dips, and outsloping, among others.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200035	CDFG	California Conservation Corps	Pena Creek Enhancement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-03 -	Salmon Habitat Protection and Restoration	\$0.00	\$3,430.00	Northern California Coastal

Project Description
 The Contractor will install 1 weir, 1 J-hook, 1 set of boulder clusters, and 1 downstream digger log.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010559	CDFG	California Conservation Corps	Pena Creek Enhancement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$18,047.00	Northern California Coastal

Project Description
 Improve juvenile Coho salmon and steelhead trout habitat in Pena Creek. This will be achieved by excluding livestock from the stream channel, installing bank stabilization structures, and replanting native plant species.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030401	CDFG	Arana Gulch Watershed Alliance	Perched Culvert Fish barrier Removal/Bridge Replacement	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$15,536.00	Central California Coastal

Project Description
 Restore fish passage by removing perched culvert and replacing it with a flatcar bridge.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085021	CDFG	Monterey Peninsula Water Management Distr	Pilot Gravel Injection Program	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$19,112.00	\$0.00	Central California Coastal

Project Description
 Injection of spawning gravels into the Carmel River using natural, native gravels mined from the inundation zones of San Clemente and Los Padres Reservoirs. Pilot program will demonstrate the feasibility of using natural in-basin gravels, rather than purchasing gravels from outside the Carmel River Basin. Pilot program would expand upon an existing spawning habitat restoration project originally funded by CDFG in 1992.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0085026	CDFG	National Park Service	Pine Gulch Creek Watershed Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$67,200.00	\$0.00	San Francisco Bay

Project Description
Construction of off-stream water storage ponds to reduce the rate of instantaneous water withdrawal from the creek during periods of critical low flows.

Project Ref	Grantee	Subgrantee	Project Name	State
P0050017	CDFG	Cachuma Conservation Release Board, Sant	Quiota Creek Fish Passage Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 24-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$227,100.00	Central California Coastal

Project Description
Provide access to over 24,288 feet of perennial spawning and rearing habitat for southern ESU steelhead by improving passage across 6 Arizona (fair-weather) road crossings on Quiota Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030450	CDFG	National Park Service, Trout Unlimited - Califo	Randall Slide Stabilization Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-APR-03	Salmon Habitat Protection and Restoration	\$177,149.00	\$0.00	San Francisco Bay

Project Description
Implement streambank and slope stabilization activities to control sediment contributions from a significant source of fine sediment above primary spawning habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030406	CDFG	Redtree Properties, L.P.	Redtree's Pescadero Creek Bank Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$47,133.00	San Francisco Bay

Project Description
To reduce the amount of sediment and re-establish vegetation. This will be accomplished by reducing bank steepness, eliminating a long inside ditch and re-establishing drainage patterns of several streams, relocation of a haul road away from bank top, and revegetation of slopes.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010531	CDFG	Eel River Salmon Restoration Project, PCFFA	Redwood Creek Bank Stabilization and Habitat Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 30-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$21,096.00	Northern California Coastal

Project Description
 Stabilize eroding banks associated with a large slide, stabilize the migrating channel of Redwood Creek at the base of the slide, maintain and improve pool habitat in this stream segment, and revegetate the site.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010308	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Redwood Creek Watershed Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$195,461.00	Northern California Coastal

Project Description
 Protect and restore salmonid habitat through implementation of prioritized road decommissioning, erosion control and erosion prevention work in the Redwood Creek watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010326	CDFG	Great Northern Corporation	Rice Ranch Riparian Livestock Exclusion Fence Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$16,237.00	Klamath

Project Description
 Build approximately 3600 feet of cattle exclusion fence around the riparian corridor.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030429	CDFG	Circuit Rider Productions	Riparian Restoration: Green Valley Creek	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$16,917.00	Northern California Coastal

Project Description
 Riparian corridor restoration to improve riparian habitat through expanded riparian plantings, removal and conversion of exotic vegetation, and long term stream bank stability with native woody plants.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200011	CDFG	Trinity County Resource Conservation Distri	Ritterbush Gulch Road Drainage Improvement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$2,081.00	Klamath

Project Description

Install approximately twenty rolling dips along one mile of the Ritterbush Gulch Road beginning at its intersection with East Fork Road. Correct diversion of several small swales which currently allow sediment delivery across the East Fork Road and into the North Fork Trinity River.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0050018	CDFG	Casitas Municipal Water District	Robles Fish Passage	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 14-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$750,000.00	Ventura-San Gabriel Coastal

Project Description

Modify the existing Robles Diversion Facilities by providing adult endangered Southern Steelhead access to approximately eight miles of good quality spawning and rearing habitat upstream of the existing diversion facilities, and provide steelhead juveniles and adults downstream passage.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010316	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Rowdy Creek Watershed Road Decommissioning and Erosion Preventi	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$246,326.00	Northern California Coastal

Project Description

Protect and restore salmonid habitat through implementation of prioritized road decommissioning, erosion control and erosion prevention work in the Rowdy Creek watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200041	CDFG	Gold Ridge Resource Conservation District	Salmon Creek Bank Stabilization Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$2,484.00	Northern California Coastal

Project Description

The top of the fallen alder upstream of the main section of eroding bank will be removed with a chain saw and removed from the channel by hand. The trunk of alder will be repositioned from the north bank to the south bank by hand or by rope or cable from machinery working in the pasture south of the creek. Trees and limbs obstructing the original (presently dry) channel along the north bank across from the main erosion site will be selectively cut by chain saw to allow an alternative path for peak storm flows and relieve pressure on the south bank. Willow cuttings will also be planted as feasible on the eroding bank to help revegetate the bank.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030428	CDFG	Gold Ridge Resource Conservation District	Salmon Creek Fish Habitat Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-DEC-02	Salmon Habitat Protection and Restoration	\$0.00	\$34,086.00	Northern California Coastal

Project Description

Install 5,600 feet of riparian corridor fencing to eliminate in-stream livestock grazing; 260 feet of stream bank will be revegetated. This project will result in reduced sediment input, increase riparian canopy, and serve as a model.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010314	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Salmon Creek Watershed Improvement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$260,140.00	\$508,460.00	Northern California Coastal

Project Description

Protect and restore salmonid habitat through implementation of prioritized road decommissioning, erosion control and erosion prevention in the upper Salmon Creek watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010530	CDFG	Jack Monschke Watershed Management	Salmon Creek Watershed Restoration Project 2001-1/Lower Salmon C	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$59,994.00	\$0.00	Northern California Coastal

Project Description
 Stabilize 2 large slides; overburdened slide material will be removed and the currently unprotected streambank at the toe of the slides will be armored. 510 linear feet will be treated.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010530	CDFG	Jack Monschke Watershed Management	Salmon Creek Watershed Restoration Project 2001-2/Lower Salmon C	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 27-JUN-02	Salmon Habitat Protection and Restoration	\$98,945.00	\$0.00	Northern California Coastal

Project Description
 This project will stabilize approximately 2,500 linear feet of stream, provide large woody debris structure for salmonid habitat, and greatly enhance riparian cover in lower Salmon Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010575	CDFG	Jack Monschke Watershed Management	Salmon Creek Watershed Restoration Project/Road and Hillslope Sedim	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Salmon Habitat Protection and Restoration	\$0.00	\$56,650.00	Northern California Coastal

Project Description
 Improve salmonid spawning and rearing habitat by lowering sediment delivery potential from upslope sources in the Salmon Creek Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010530	CDFG	Jack Monschke Watershed Management	Salmon Creek Watershed Restoration Project/Streambank Stabilization/	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$82,170.00	Northern California Coastal

Project Description
 Stabilize approximately 4550 linear feet of stream banks at 27 sites currently delivering sediment into Class I or II streams. Protection measures include rock armoring, bioengineered structures, plantings and removal of potential sediment.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0085022	CDFG	Cachuma Operation and Maintenance Board	Salsipuedes Creek Fish Passage Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$25,000.00	\$0.00	Central California Coastal

Project Description
 Provide low flow passage to migrating steelhead at the State Highway 1 bridge on Salsipuedes Creek by modifying the concrete apron to allow for access to good upstream spawning and rearing habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
7200025	CDFG	Cachuma Operation and Maintenance Board	Salsipuedes Creek Fish Passage Structure Modification	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-SEP-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$500.00	Central California Coastal

Project Description
 Modify the Salsipuedes Creek fish passage structure by chamfering all the 90 degree corners on the structure walls to 45 degrees

Project Ref	Grantee	Subgrantee	Project Name	State
P0030513	CDFG	Land Conservancy of San Luis Obispo Coun	San Luis Obispo Creek: Collins Acquisition	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$46,000.00	\$0.00	Central California Coastal

Project Description
 Acquire floodplain property and creek frontage to facilitate its protection, future restoration of the creek, and to prevent harmful land uses of the 6.9 acre parcel.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010311	CDFG	Siskiyou County Resource Conservation Dist	Scott River Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	30-MAY-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$52,067.00	Klamath

Project Description
 Improve fish habitat by installing bank stabilization/instream structures along an eroding bank. Improve and expand riparian area by planting 11 acres of riparian trees with the intention of trapping sediment and confining the channel. Planting funded by USFWS.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010327	CDFG	Siskiyou County Resource Conservation Dist	Scott River Fish Screening Program II	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-MAY-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$77,553.00	Klamath

Project Description
Prevent loss of juvenile salmon and steelhead from diversion ditches located by installing four self-cleaning fish screens within the Scott River watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200000	CDFG	California Department of Fish and Game	Scott Valley Irrigation Fish Screen Remodel	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-SEP-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$18,073.00	Klamath

Project Description
Remove and properly dispose of an existing fish screen on the Scott Valley Irrigation District diversion ditch, located at Young's Dam in the aforementioned project site. In its place, Grantee will construct a new, chevron style fish screen. The new screen shall be secured to concrete footings.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200015	CDFG	Eel River Watershed Improvement Group	SF Dobbyn Creek Boulder Deflector	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-01 - 20-SEP-01	Salmon Habitat Protection and Restoration	\$0.00	\$2,499.00	Northern California Coastal

Project Description
Build a low profile boulder deflector to direct the flow into a single channel.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010305	CDFG	Scott River Watershed Council, Siskiyou Cou	Shackleford/Mill Water Quality Improvement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	02-MAY-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$62,929.00	Klamath

Project Description
Improve and protect water quality of Mill and Shackleford Creek by providing fish friendly crossings and diversion takeout structures; Install a tail water return system which will eliminate tail water during late spring and summer/fall and act as a settling pond for runoff during the winter, spring.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0085023	CDFG	Round Valley County Water District	Short and Mill Creek Riparian Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$163,185.00	\$0.00	Northern California Coastal

Project Description
 Increase scour and reduce deposition of finer sediment; increase frequency and depth of pools; increase the pattern of year-round flows and reduce the incidence of juvenile steelhead mortality in pools that dry in the summer months; stabilize eroding banks by reinforce banks with rock, revegetate the area with native plants species, and construct fence to exclude livestock from revegetated areas.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010544	CDFG	Restoration Forestry	Skyline Pipe Arch and Sediment Reduction Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$22,636.00	\$0.00	Northern California Coastal

Project Description
 Eliminate one barrier that will open up 1/2 mile of salmonid habitat. Sediment input will be reduced by grade control structures, elimination of inboard ditch, bank stabilization and fill slope stabilization; sediment slug will be removed and the associated undersized culvert will be upgraded.

Project Ref	Grantee	Subgrantee	Project Name	State
7200017	CDFG	Restoration Forestry Inc.	Skyline Pipe Arch Supplemental Proposal	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$2,490.00	Northern California Coastal

Project Description
 At site 1, increase the size of the boulder grade control structures by adding 20 cubic yards of boulders to the existing structures. At site 2, excavate approximately 150 cubic yards of sediment perched above the culvert and end haul the material to a stable location. In addition a redwood log grade control structure will be constructed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0085028	CDFG	City of Capitola	Soquel Creek Lagoon Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 30-APR-03	Salmon Habitat Protection and Restoration	\$127,000.00	\$0.00	Central California Coastal

Project Description
 Improvement and maintenance of the flume structure, which is an integral part of the juvenile freshwater habitat for steelhead and Coho salmon. Enhancement of the habitat of anadromous salmonid species in the Soquel Creek Lagoon by reduction of non-point source pollutants, increased shading and improved cover for juveniles, and reduction of sedimentation.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030464	CDFG	Mendocino Redwood Company	South Branch North Fork Navarro River Sediment Control and Road Ab	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$133,674.00	Northern California Coastal

Project Description
 Upgrade (3 miles) and decommission (5.5 miles) road, remove one fish passage barrier.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010545	CDFG	Wild River Conservancy	South Dobbyn Creek/Alderpoint Road Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$50,316.00	\$0.00	Northern California Coastal

Project Description
 Reduce major sediment source and bank erosion along a quarter mile section of South Dobbyn Creek. This will include boulder armor, wing deflectors, boulder clusters; recontouring upslope area; revegetation.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010366	CDFG	Humboldt County Public Works Department	South Fork Anker Creek Culvert Replacement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$148,611.00	\$0.00	Northern California Coastal

Project Description
 Provide access to approximately 15,000 feet of potential anadromous fish habitat by replacing a culvert that is a fish barrier.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010300	CDFG	U.S. Forest Service Six Rivers National Fore	South Fork Smith River Road Decommissioning	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$111,700.00	Northern California Coastal

Project Description
Maintain and enhance the existing stocks of anadromous species in South Fork Smith through protecting suitable spawning and rearing habitat from upslope sources of fine sediments. This project will decommission 5.3 miles of Forest Service roads that have been identified as a chronic sediment source to Jones and Buck Creeks.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010525	CDFG	Eel River Watershed Improvement Group	South Fork Tom Long Creek Inner Gorge Road Upgrade Project 1	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$58,163.00	Northern California Coastal

Project Description
Reduce the volume of fine sediment reaching the stream from approximately two miles of problematic inner gorge road. This will be accomplished through a variety of road upgrade/maintenance projects.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010525	CDFG	Eel River Watershed Improvement Group	South Fork Tom Long Creek Instream Habitat	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$58,166.00	Northern California Coastal

Project Description
Reduce a major source of sedimentation along a 1400 foot instream section by removing a crossing, outsloping the streambank, installing rip-rap and instream structures, and revegetating the project area.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010318	CDFG	Trinity County Resource Conservation Distri	South Fork Trinity River Road Decommission Implementation	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUN-01 - 30-MAY-03	Salmon Habitat Protection and Restoration	\$0.00	\$163,779.00	Klamath

Project Description
To implement sediment-reducing, road decommissioning activities on the 29N30D US Forest Service road in the Upper South Fork Trinity River Watershed as recommended by road inventories, watershed analysis, and environmental assessment.

Project Ref	Grantee	Subgrantee	Project Name	State
P0085017	CDFG	California State Parks	Standish Hickey Mill Creek Trail and Road Removal Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 28-MAY-01	Salmon Habitat Protection and Restoration	\$80,000.00	\$0.00	Northern California Coastal

Project Description
Mechanically remove or outslope old logging roads and remove fill from stream crossings to reduce gully and landslide sedimentation into Mill Creek and the Eel River. Obliterate approximately 8 miles of road and remove 40 swale and stream crossings. Stabilize an estimated 20 to 60 thousand cubic yards of road fill and about 2000 cubic yards of road crossing fill.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030504	CDFG	Santa Clara Valley Water District	Steelhead Fish Passage Barrier Remediation on Stevens Creek, Santa	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$167,360.00	San Francisco Bay

Project Description
Improve upstream and downstream migration for steelhead on Stevens Creek through construction of passage facilities at Stream Gauge 35, an existing passage impediment. This will reduce migrational delays and increase survival rates.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030446	CDFG	National Park Service, Tomales Bay Associa	Stewart Ranch Habitat Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$26,700.00	\$0.00	San Francisco Bay

Project Description
 Install a series of log, rootwad, and boulder combination structures to increase habitat diversity, complexity and cover within the Stewart Pasture reach of Olema Creek. The work will be performed within the bankfull channel at six sites within the project reach.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010348	CDFG	Scott River Watershed Council	Sugar Creek Flow Enhancement through Diversion Piping (Feasibility S	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUN-01 - 30-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$22,050.00	Klamath

Project Description
 Increase spring, summer, and fall instream flows most years in Sugar Creek by at least 5 cubic feet per second by decreasing the amount of water diverted for agricultural use by four diversions (increased efficiency in transmission).

Project Ref	Grantee	Subgrantee	Project Name	State
P0010537	CDFG	California Conservation Corps	Sulphur Creek Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$15,123.00	San Francisco Bay

Project Description
 Enhance salmonid habitat in a 1500 foot section of Sulphur Creek by increasing numbers and depths of pools and retaining spawning gravels.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200031	CDFG	California Conservation Corps	Sulphur Creek Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$5,114.00	San Francisco Bay

Project Description

The project will consist of installing one upstream boulder weir structure and correcting five upstream boulder weirs that were damaged during high flows over the winter within a 1500' section of Sulphur Creek. All six of the sites are pool enhancement sites. The ends of the weirs will be keyed 4 to 6 feet horizontally into the stream banks and extended to a point above normal high water level to assure that the stream is not diverted around the ends of the weirs during high flows. The weirs should be gradually sloped from the banks towards the middle of the channel.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030447	CDFG	E Center	Sulphur Creek Fishway Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$40,208.00	\$0.00	San Francisco Bay

Project Description

Construct an Alaska Steep-pass fishway to allow adult steelhead to access approximately four miles of suitable spawning and rearing habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030433	CDFG	Dragon Fly Stream Enhancement	Tannery Creek Pool Habitat Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$6,235.00	Northern California Coastal

Project Description

Create and enhance deep pools which will improve summer and winter rearing habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030510	CDFG	Mendocino County Department of Transport	Ten Mile Road Waterborne Sediment Reduction	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$48,398.00	\$0.00	Northern California Coastal

Project Description

Reconfigure unpaved roadway to reduce sediment yield.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010538	CDFG	Northwest Resource	Three Creek Revegetation	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$6,331.00	\$0.00	Northern California Coastal

Project Description
 Restore summer stream flows and salmonid habitat, and prevent excessive sedimentation by planting indigenous riparian vegetation.

Project Ref	Grantee	Subgrantee	Project Name	State
7200018	CDFG	Douglas George	Tom Long Creek / Miller Ranch Road	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-01 - 13-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$1,040.00	Northern California Coastal

Project Description
 Place quarry boulders at the outlet of one large culvert; reshape and place quarry rock at the inlets of two smaller culverts; and plant grass seed along one-quarter mile of road that was recently reshaped.

Project Ref	Grantee	Subgrantee	Project Name	State
7200001	CDFG		Tom Long Creek Riparian Fencing Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-01 -	Salmon Habitat Protection and Restoration	\$0.00	\$21,476.00	Northern California Coastal

Project Description
 The Grantee will construct 1.5 miles of 4 strand barbed-wire fence. The fence will be constructed to standards specified in the Natural Resources Conservation District Service Bulletin 382A-1 (NRCS 2000). One cattle guard will be installed on Dugan's Mill Road. The Dick Drewry (landowner) will maintain the livestock exclusion fencing, constructed and repaired under terms of this agreement, in good repair for a period of ten years from the termination date of the agreement. Maintenance will include repair of fences to a level that will effectively exclude livestock from the project areas for the ten year period, or until the vegetation in the excluded area, either natural or planted, becomes well-established and the landowner has developed, and agreed to a DFG approved, riparian area grazing plan for the project area.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200013	CDFG	Harris Environmental Science	Tom Long Creek Supplemental Rock For Culvert Outlets	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-01 - 13-NOV-02	Salmon Habitat Protection and Restoration	\$0.00	\$2,486.00	Northern California Coastal

Project Description
13 PSMFC funded road projects completed on roads adjacent to or crossing Tom Long Creek. Projects included boulder placements, crossing improvements, armor placement.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085009	CDFG	Central Coast Resource Conservation & Dev	Toro Creek Enhancement Project Phase 2	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	12-JUL-00 - 12-MAR-03	Salmon Habitat Protection and Restoration	\$30,998.00	\$0.00	Central California Coastal

Project Description
Improve steelhead rearing habitat by installing rootwads, boulder clusters and cover logs in a 350 foot section of Toro Creek.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010337	CDFG	Trinity County Planning Department	Trinity River Bridge Replacements	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 30-APR-03	Salmon Habitat Protection and Restoration	\$0.00	\$350,000.00	Klamath

Project Description
Subcontract final design and construction tasks for replacement of four bridges across the Trinity River to permit implementation of flow regime prescribed for fishery restoration.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200040	CDFG	Trout Unlimited	Trout Unlimited Solar Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-02 -	Salmon Habitat Protection and Restoration	\$0.00	\$1,381.00	California - Coastal

Project Description
1. Construct a portable irrigation system, which includes a 3,000 gallon water tank, Mini Tilt trailer and pump. This system will be utilized at remote sites where existing water is not present in adequate amounts. 2. Transport the irrigation system to specific sites, as identified by DFG, after a restoration project involving plants and/or bioengineering techniques is completed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030444	CDFG	Bioengineering Associates	Tulucay Creek Streambank Stabilization and Riparian Restoration	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$63,954.00	\$0.00	San Francisco Bay

Project Description

Revegetate riparian corridor along mainstem Tulucay Creek and its unnamed tributaries in order to provide a stable streambank. This will be done through use of a native erosion control seed mix, pioneering willow, and other tree seedlings.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030418	CDFG	San Mateo County, Department of Public Wo	Upper Gazos Creek Road Upgrade	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$110,500.00	Central California Coastal

Project Description

Upgrade approximately 2 miles of unpaved road to improve drainage, including outsloping, construction of rolling dips or water bars, removal of earthen berms, and culvert improvements to reduce/eliminate sedimentation.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030498	CDFG	City of San Luis Obispo	Upper San Luis Obispo Creek Dam Removal	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$310,000.00	\$0.00	Central California Coastal

Project Description

Restore steelhead access to approximately 1 1/2 miles of instream habitat by the removal of a non-functional water diversion dam, and restoring the original stream gradient.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010312	CDFG	Trinity County Resource Conservation Distri	Upper South Fork Trinity River Watershed Restoration Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$210,293.00	Klamath

Project Description

Implement sediment reducing watershed restoration activities on the road network on US Forest Service lands in the Upper South Fork Trinity River Watersheds as recommended by road inventories, Watershed Analysis, and Environmental Assessment.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010517	CDFG	Mattole Salmon Group	Upper Thompson Creek Road Rehabilitation, Phase 2	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$21,147.00	Northern California Coastal

Project Description
 Eliminate or mitigate chronic sedimentation from roads, and road-related streambank failures, in the upper basin. This project will address the highest priority restoration needs in the Thompson Creek sub-basin through road drainage improvements, armoring and/or excavation of tributary channels and inboard ditches, culvert inlet armoring, bridge installation, and streambank stabilization.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030423	CDFG	Ridge to River	Wages Creek Campground Native Material Revetment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$10,472.00	\$0.00	Northern California Coastal

Project Description
 Stabilize bank with boulder deflectors, boulder/log/rootwad structures (native material revetment technique) and retain/enhance a dense riparian plant community.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030507	CDFG	Marin County Resource Conservation Distric	Walker Creek Watershed Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$38,443.00	\$111,557.00	San Francisco Bay

Project Description
 To restore steelhead and salmon populations in the Walker Creek watershed using riparian fencing, native plant revegetation, alternate water sources, and biotechnical/rock erosion control methods.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010325	CDFG	California Conservation Corps - Klamath Ser	West Branch Mill Creek Instream Habitat Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$0.00	\$15,272.00	Northern California Coastal

Project Description
 Enhance salmon and steelhead rearing habitat through the installation of several complex and simple instream structures.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0085018	CDFG	Trinity County Department of Transportation	West Weaver Creek at Oregon Street Migration Barrier Removal Projec	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 05-JAN-01	Salmon Habitat Protection and Restoration	\$196,276.00	\$0.00	Klamath

Project Description

Remove a 3 foot high jump into a culvert that creates an upstream juvenile migration barrier on West Weaver Creek at Oregon Street. There is also a 3-4 foot tall unpermitted rock and plastic sheet dam constructed annually approximately 40 feet downstream of the culvert. The combination of upstream barrier and downstream dam traps hundreds to thousands of juvenile steelhead and Coho in the pool. The removal of the culvert and placement of a natural bottom crossing will open up approximately 2 miles of juvenile habitat upstream of the crossing.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030420	CDFG	Brooktrails Township CSD	Willits Creek Salmonid Spawning Habitat Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$24,296.00	\$0.00	Northern California Coastal

Project Description

Restore portions of 5,765 foot section of Willits Creek by installing gravel beds, six vortex weirs, significant bank stabilizing, and riparian vegetation; beginning at the former Summer Lake Dam and extending to the Lake Emily spillway.

Project Ref	Grantee	Subgrantee	Project Name	State
P0085003	CDFG	California Conservation Corps	Willow Creek Enhancement Project #3	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 18-MAY-01	Salmon Habitat Protection and Restoration	\$18,394.00	\$0.00	Northern California Coastal

Project Description

Enhance salmonid habitat in a 3000 foot section of Willow Creek by constructing a fence and planting native species along both banks to limit cattle access, control erosion and increase canopy in the riparian zone.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010538	CDFG	Northwest Resource	Wolverton Creek 2001	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Habitat Protection and Restoration	\$63,522.00	\$0.00	Northern California Coastal

Project Description
Restore summer stream flows and salmonid habitat, and prevent excessive sedimentation on 1780 feet of Wolverton Creek and 300 feet of Barber Creek by placement of stock water, exclusion and control fencing; upgrade two impacted livestock fords to a permanent earthen and concrete arch culvert; slope and armor active erosion sites and 84,900 square feet of proposed riparian buffer exclusion in preparation for revegetation.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010344	CDFG	SHN Consulting Engineers & Geologists	Young's Dam Fish Ladder Design and Construction Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 15-MAR-03	Salmon Habitat Protection and Restoration	\$32,226.00	\$17,774.00	Klamath

Project Description
Allow increased fish passage in the fall of the year to the anadromous fish returning to the upper Scott River by constructing a fish ladder at Young's Dam.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230402	CDFG	Center for Ecosystem Management and Rest	Alameda Creek Fisheries Restoration Workgroup	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-APR-03 -	Watershed and Sub-basin Planning and Assessment	\$34,628.00	\$0.00	San Francisco Bay

Project Description
Advance proposed steelhead restoration in Alameda Creek by assisting the Workgroup with: 1) administrative tasks; 2) expanding the stakeholder network; and 3) submitting proposals for funding of capital projects associated with the program.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230400	CDFG	California Department of Fish and Game	Archeological and Rare Plant Surveys	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$202,880.00	San Joaquin

Project Description
 Conduct archeological resources and rare plant surveys on approximately 100 proposed fish habitat restoration projects to identify all prehistoric and/or historic archeological resources, or sites of ethnic significance and presence or non-presence of rare plants.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230431	CDFG	Central Coast Salmon Enhancement	Arroyo Grande Creek Watershed Management Plan	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$173,342.00	\$0.00	Central California Coastal

Project Description
 Develop a community-directed, technically sound and implementable management plan for restoration of steelhead trout in the Arroyo Grande Creek Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210551	CDFG	Eel River Watershed Improvement Group	Butte Creek Erosion Assessment Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$36,472.00	\$0.00	Northern California Coastal

Project Description
 Improve salmonid habitat through a site specific assessment of erosion problems as they relate to water quality for salmonids, on the rural/forest roads in the Butte Creek Watershed, for the purpose of implementing erosion control measures and watershed restoration planning.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210553	CDFG	California State Parks	Canoe Creek Watershed Rehabilitation Plan	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$37,146.00	\$0.00	Northern California Coastal

Project Description
 Identify and prioritize logging and service roads and subwatersheds throughout the Canoe Creek watershed for heavy equipment and vegetative treatments of anthropogenically related sedimentation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0250012	CDFG	Community Environmental Council	Carpinteria Creek Watershed Coalition Organizational Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$83,760.00	\$0.00	Central California Coastal

Project Description
Provide continuing staff support for community partnership engaged in restoring priority steelhead stream. Support landowner outreach, project development, meetings and workshops, educational materials, with local media, public officials and business community.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230472	CDFG	Foundation of California State University at	Central Coast Region South District Basin Planning	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$98,992.00	\$0.00	Central California Coastal

Project Description
Support basin planning, fisheries restoration and watershed restoration efforts in the region by developing and maintaining a geographic information system, performing GIS analysis and development of reports and presentations.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230438	CDFG	Napa County Resource Conservation District	Central Napa River Watershed Plan	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$118,975.00	\$0.00	San Francisco Bay

Project Description
To complete the second phase of a Napa River basin-wide plan by creating a Watershed Management Plan for the Central Napa River watershed, to provide training in scientific skills to community members, and to encourage watershed stewardship.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0250014	CDFG	City of Ojai, Public Works Department	City of Ojai Urban Watershed Assessment and Restoration Plan	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$58,166.00	\$0.00	Ventura-San Gabriel Coastal

Project Description

Conduct a baseline assessment of the city's urban watershed, identify and prioritize limiting factors, determine and analyze the limiting causes, develop specific recommendations for restoration actions

Project Ref	Grantee	Subgrantee	Project Name	State
P0230441	CDFG	Monterey County Public Works	Coast Road Watershed Erosion and Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$16,823.00	\$0.00	Central California Coastal

Project Description

Conduct a partial watershed study within the road right-of-way and identify erosion sites, recommend site-specific treatments, train MCPWD personnel in watershed field assessment protocol, and develop best management activities.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210424	CDFG	Coastal Stream Restoration Group	Community Involvement/Public Education Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	02-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$12,853.00	\$0.00	Northern California Coastal

Project Description

Design community volunteer restoration and maintenance programs and provide public education on watershed and fisheries issues

Project Ref	Grantee	Subgrantee	Project Name	State
P0230435	CDFG	San Mateo County, Department of Public Wo	Countywide Fish Passage Barriers Assessment Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$45,190.00	\$0.00	San Francisco Bay

Project Description

Conduct an inventory of approximately 90 county-maintained road crossings located within anadromous stream reaches and prioritize the most significant for corrective treatments

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210511	CDFG	Eel River Watershed Improvement Group	Cuddeback Creek Erosion Assessment Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$28,273.00	\$0.00	Northern California Coastal

Project Description
Improve salmonid habitat through a site specific assessment of erosion problems as they relate to water quality for salmonids, on the Simpson Resource Company forest roads in the cuddeback, Wilson and Fielder Creek Watersheds, for the purpose of implementing erosion control measures and watershed restoration planning.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210546	CDFG	Northwest Resource	Diamond R and Grandy Ranch Plans	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$63,043.00	\$0.00	Northern California Coastal

Project Description
Identify and evaluate the factors limiting anadromous salmonid populations on Diamond R Ranch, and the Grandy Ranch, and develop ranch plans for each that will result in documents that communicate restoration goals, establish priorities for restoration effort, and identify specific project sites and design.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210429	CDFG	Siskiyou Resource Conservation District, U.	District Capacity Building Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$74,323.00	\$0.00	Klamath

Project Description
Build technical and administrative capacity of the Siskiyou RCD.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210555	CDFG	Eel River Watershed Improvement Group	Eel River Watershed Improvement Group Support and Assistance Pro	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$130,210.00	\$0.00	Northern California Coastal

Project Description
To improve the water quality, spawning and rearing habitat of salmon and steelhead throughout the Eel River system by providing salary support, office and operational expenses for two watershed coordinator positions in the Eel River basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210549	CDFG	Eel River Watershed Improvement Group	Fish Creek Subdivision Upslope Survey Assessment	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$2,961.00	\$0.00	Northern California Coastal

Project Description
 Conduct a systematic inventory of the road and land use related erosion hazards and active sediment sources in the Fish Creek subdivision on approx. 6.0 miles of unpaved primary vehicle access roads and 3.0 miles of abandoned secondary roads.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210563	CDFG	California Conservation Corps	Fish Habitat Specialists	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Watershed and Sub-basin Planning and Assessment	\$329,745.00	\$0.00	Lower Sacramento

Project Description
 To expand CCC fish habitat improvement work projects to key coastal watersheds of California by funding 4 Fish Habitat Specialists for 2 years to provide administrative support to DFG's CCC Coordination Staff and Basin Planners responsible for oversight of CCC fisheries habitat restoration program.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210555	CDFG	California Conservation Corps	Fish Habitat Specialists	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$110,029.00	\$0.00	Northern California Coastal

Project Description
 To expand CCC fish habitat improvement work projects to key coastal watersheds of California by funding 4 Fish Habitat Specialists for 2 years to provide administrative support to DFG's CCC Coordination Staff and Basin Planners responsible for oversight of CCC fisheries habitat restoration program.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-040	CDFG	California Department of Fish and Game	Fishery Restoration Grants Program, Program EIR, 2002	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$750,000.00	\$0.00	Lower Sacramento

Project Description

To provide financial support through external contracting for the development and approval of a Program Environmental Impact Report (PEIR) for the DFG Fishery Restoration Grants Program in order to meet California Environmental Quality Act (CEQA) requirements for watershed, riparian, and stream habitat improvement projects that benefit anadromous salmonids throughout their coastal range in California.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230466	CDFG	FishNet 4C	FishNet 4C-Fishery Network of the Central California Coast Counties	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$129,800.00	\$0.00	Central California Coastal

Project Description

Support the efforts of the six Central Cal. Coast Counties to respond to conservation needs of federally listed a salmonid species.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210420	CDFG	Trinity County Planning Department	Five Counties Road Erosion Inventory and Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	26-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$113,898.00	\$0.00	Klamath

Project Description

Perform county road erosion assessments; inventory road culverts and stream crossings; identify road-related sources of erosion, visually observable fish barriers, and appropriate spoils disposal sites; identify and quantify future road-related sediment sources most likely to impact fish-bearing streams; and develop prioritized and site-specific recommended treatments.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210415	CDFG	Trinity County Planning Department	Five Counties Salmonid Conservation Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$362,450.00	\$0.00	Klamath

Project Description
 Continue efforts of the Five Counties Salmon Conservation Program to conserve and restore federally listed salmonid species, appurtenant habitats and improve water quality throughout the Southern Oregon/Northern California (SONCC) and the Northern California ESU's for coho, chinook and steelhead ESUs.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230460	CDFG	Mendocino County Resource Conservation	Forsythe Creek Watershed Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$185,875.00	\$0.00	Northern California Coastal

Project Description
 Create a prioritized set of guidelines for restoration of the Forsythe Creek watershed to a healthy functioning ecological system that supports anadromous fish, other biological life and balanced human uses.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230475	CDFG	Garrapata Creek Watershed Council	Garrapata Creek Watershed Habitat Restoration Project #1	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$26,420.00	\$0.00	Central California Coastal

Project Description
 Create a Watershed Restoration Plan which will include options to enhance instream habitat and site by site restoration designs

Project Ref	Grantee	Subgrantee	Project Name	State
P0210447	CDFG	Redwood Community Action Agency	Humboldt Bay Watershed Coordinator Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$59,422.00	\$0.00	Northern California Coastal

Project Description
 Support the Humboldt Bay Watershed Advisory Committee to ensure that the restoration goals and objectives identified in their Humboldt Bay Watershed Salmon and Steelhead Conservation Plan are implemented. Continue coordination with stakeholders and other planning efforts.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210431	CDFG	Siskiyou Resource Conservation District	Implementation of Scott River Water Trust Program	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	27-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$79,707.00	\$0.00	Klamath

Project Description
 Implement a local water trust, develop the institutional framework and function of the trust for the purpose of benefiting instream uses.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200070	CDFG	Sonoma Ecology Center	Jack London State Historic Park Watershed Assessment	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-03 -	Watershed and Sub-basin Planning and Assessment	\$9,217.00	\$0.00	San Francisco Bay

Project Description
 Develop a cost-effective stream-channel restoration plan aimed at restoring long-term riparian function and in-channel conditions, such as riparian vegetation and organic debris recruitment, where identified for targeted stream channels. Channel treatments could include bank erosion prevention, riparian planting, and artificial recruitment of large organic debris, among other prescriptions.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230476	CDFG	Sonoma Ecology Center	Jack London State Historic Park Watershed Assessment and Planning	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$20,000.00	\$0.00	San Francisco Bay

Project Description
 Identify, characterize and quantify sediment sources likely to impact fish-bearing streams. Develop a plan outlining and prioritizing appropriate applications for road and trail restoration for correctable or preventable sediment sources

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210413	CDFG	Jacoby Creek Land Trust	Jacoby Creek Land Trust Organization Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	02-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$61,490.00	\$0.00	Northern California Coastal

Project Description
Support the Jacoby Creek Land Trust to continue successful establishment of riparian easements along Jacoby Creek, develop riparian restoration plans for established conservation easements, and conduct outreach and education focusing on landowners in the Jacoby Creek watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210557	CDFG	Humboldt County Resource Conservation Di	Lower Eel Basin Watershed Organizational Support Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$98,615.00	Northern California Coastal

Project Description
Direct assistance to landowners and landowner based watershed groups, leading to resource conservation and fisheries habitat improvements, by providing funding to support HCRCD project manager, technical team and clerical staff; matching 319h or other implementation funds.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210547	CDFG	Northwest Resource	Lower Eel Road Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$60,000.00	\$0.00	Northern California Coastal

Project Description
Conduct a 100 mile road sediment source survey, and inventory potential sediment delivery to native salmonid bearing streams with the result of quantitative identification of sediment delivery potential and prioritization of road segments in need of stormproof implementation and or maintenance. Develop and submit 4 correction implementation proposals.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210418	CDFG	McBain and Trush	Lower Freshwater Creek Estuary Rehabilitation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	26-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$29,855.00	\$0.00	Northern California Coastal

Project Description
Develop a conceptual estuary rehabilitation plan to restore tidal hydrology and salmonid rearing habitat to 35 acres of frequently inundated pastureland adjacent to Freshwater Slough and collect baseline data needed to develop project permitting, engineering designs, and budget estimates for project implementation.

Project Ref	Grantee	Subgrantee	Project Name	State
7200087	CDFG	Humboldt County Resource Conservation Di	Lower Van Duzen River Riparian and Channel Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$9,999.00	\$0.00	Northern California Coastal

Project Description
1. Survey by aerial photography, assess, prioritize, and recommend restoration treatments for riparian vegetation, and channel erosion features on the lower 10.5 miles of the Van Duzen River in Humboldt County. The recommended restoration treatments will identify project work that improves habitat for coho, Chinook, and steelhead. 2. The Grantee will take an air photo sequence of the lower Van Duzen River corridor and riparian zone which captures an area 10.5 miles long and as wide as river channel plus the riparian area three hundred feet outside the bankfull area.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210518	CDFG	Mainstem Eel River Group	Mainstem Eel River Group Watershed Organization, Assistance and S	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$56,188.00	\$0.00	Northern California Coastal

Project Description
Provide salary support and operational expenses for two part-time Watershed Coordinator positions

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210435	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Maple Creek/Big Lagoon Watershed Inventory and Restoration Plannin	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	05-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$424,785.00	\$0.00	Northern California Coastal

Project Description
 Development of a site specific and prioritized plan for erosion prevention and habitat restoration in the 76.9 square mile Maple Creek watershed

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230429	CDFG	California Conservation Corps	Morro Bay Watershed GIS Basin Planning	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$9,264.00	\$0.00	Central California Coastal

Project Description
 To support basin planning, fisheries restoration, and watershed restoration efforts in the Morro Bay Watershed by developing and maintaining a geographic information system, performing GIS analyses, and developing reports and presentations.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0285302	CDFG	Smith River Alliance	NGO Participation in Coho Protection and Restoration	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$123,000.00	Northern California Coastal

Project Description
 To provide financial support for NGO leadership and participation on the protection and recovery of coho salmon with the objective of developing adequate measures and a plan to protect and recover endangered coho salmon to the level of abundance, which would once again allow harvest of the species.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200080	CDFG	Pacific Watershed Associates	Old Cazadero Road Erosion Inventory	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-03 -	Watershed and Sub-basin Planning and Assessment	\$13,169.00	\$0.00	Northern California Coastal

Project Description					
<p>1.Implement plans to develop a comprehensive assessment of sediment sources associated with Old Cazadero Road in Sonoma County. 2.The contractor will develop a comprehensive assessment of approximately 8.5 miles of road. Assessment work will contain detailed site specific designs for erosion control and reduction of sediment inputs into habitat identified as containing salmonid fish. 3.Assessment components will include aerial photo analysis, field inventory, a prioritization of sediment producing sites and specific prescriptions for identified sites.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
P0250007	CDFG	County of Ventura, Public Works Agency	Old Creek Road Crossing Replacement - Phase I	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$111,540.00	Ventura-San Gabriel Coastal

Project Description					
<p>Remove existing passage barrier created by an in-stream road crossing with pipe culvert and replace with bridge designed to a 100-year plain flood standard. This phase of the project is the preparation of construction plans/specifications and the acquisition of the rights-of-way.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210548	CDFG	Eel River Watershed Improvement Group	Overland Subdivision/Dean Creek Watershed Erosion Hazard Assess	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$2,661.00	\$0.00	Northern California Coastal

Project Description					
<p>Conduct systematic inventory of the road and land use related erosion hazards and active sediment sources in the Overland subdivision on 4.75 miles of unpaved primary vehicle access roads and approx. 3.25 miles of abandoned secondary roads. Results will be presented within six months of the surveys' conclusion in a planning report that will include a prioritized site treatment list sorted according to the degree of hazard to coho, chinook, and steelhead in the headwaters of Dean Creek, cost/benefit analysis, and access feasibility.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200072	CDFG	Petaluma Watershed Foundation	Petaluma Watershed Organization Support & Building Effort	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$10,000.00	\$0.00	San Francisco Bay

Project Description

Provide funds and organizational support for startup citizens non-profit watershed group that will promote and participate in stream habitat restoration, erosion control, water quality planning and implementation, community awareness and education for the Petaluma River watershed. Funds to be used toward part time administrative staff person, office overhead, supplies and materials

Project Ref	Grantee	Subgrantee	Project Name	State
P0230403	CDFG	Santa Cruz County Public Works	Phase II- San Lorenzo River Road-Related Erosion Assessment and Pr	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$121,084.00	\$0.00	Central California Coastal

Project Description

Complete a watershed survey and road-related erosion assessment within the watershed that was started in March 2002.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210554	CDFG	Bear River Regional Resources Conservanc	Projects of BRRRC	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Watershed and Sub-basin Planning and Assessment	\$20,341.00	\$0.00	Northern California Coastal

Project Description

Contact all owners in watershed area to implement the Bear River Watershed Planning Project which will result in a share of information on how to maintain and improve conditions for and providing quality fish habitat including coho and chinook salmon, and steelhead. Engage in project including road and stream bank assessment, restoration, and stream temperature monitoring to collect information necessary to improve habitat.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210573	CDFG	Buckeye Conservancy	Promoting Sound Resource Management Practices and Policies	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$58,000.00	\$0.00	Northern California Coastal

Project Description
Contractor will promote sound management and sustainability for all natural resources in our region, especially for healthy and viable watersheds and their anadromous fish populations

Project Ref	Grantee	Subgrantee	Project Name	State
P0210574	CDFG	Northcoast Regional Land Trust	Protecting Watersheds on Private Lands	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$80,000.00	\$0.00	Klamath

Project Description
To educate landowners and the general public about land trusts and conservation tools so they can protect and restore their watersheds and the anadromous salmonid habitat they contain, while maintaining working and wild landscapes.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210404	CDFG	Tyler Ledwith	Road Assessment and Restoration Planning in the Lower South Fork T	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	27-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$98,138.00	Klamath

Project Description
To prioritize road sites for treatment based on the potential (risk) for sediment delivery, potential volume of sediment delivered, and impacts on downstream resources.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230432	CDFG	Greenspace, The Cambria Land Trust	Road Crossing Inventory and Fish Passage Evaluation of San Luis Obi	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$38,580.00	\$0.00	Central California Coastal

Project Description
Conduct an inventory of 75 county, city and privately-maintained road crossings located within anadromous stream reaches in San Luis Obispo County, assess adult and juvenile fish passage and develop a project scheduling document for San Luis Obispo County that will prioritize corrective treatments where needed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230465	CDFG	Mendocino County Resource Conservation	Russian River Watershed Council organization development	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$185,000.00	\$0.00	Northern California Coastal

Project Description
Coordinate efforts within the Russian River watershed to reduce riparian impacts and restore salmonid habitat through development of a watershed assessment and management plan that involves a wide variety of watershed stakeholders from Sonoma and Mendocino counties.

Project Ref	Grantee	Subgrantee	Project Name	State
7200064	CDFG	Rutherford Dust Society	Rutherford Dust Society Napa River Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$9,625.00	\$0.00	San Francisco Bay

Project Description
Complete a draft restoration plan for 4 miles of Napa River. Tasks will include: complete the vegetation analysis section of the Restoration Plan, gain approval from landowners for the Plan, and present the Plan to the community

Project Ref	Grantee	Subgrantee	Project Name	State
P0210550	CDFG	Jack Monschke Watershed Management	Salmon Creek Watershed Assessment 2003	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$26,180.00	Northern California Coastal

Project Description
to continue the development of a watershed assessment plan for the Salmon Creek Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230439	CDFG	Gold Ridge Resource Conservation District	Salmon Creek Watershed Assessment and Restoration Plan	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$142,162.00	\$0.00	Northern California Coastal

Project Description
1) Develop an overview of the condition of the watershed through assessments of land use, erosion sources, instream habitat, riparian condition, and water quality and quantity, and create a Watershed Restoration Plan; 2) Increase public awareness and stewardship of the watershed's natural resources; 3) Capacity building

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210437	CDFG	Salmon River Restoration Council	Salmon River Watershed Organization Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-APR-03 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$55,987.00	Klamath

Project Description
Sustain the efforts of the Salmon River Restoration Council in generating general public and landowner support for the protection and restoration of the Salmon River watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230443	CDFG	California State Parks, Bay Area District	San Mateo State Parks Road-Related Erosion Prevention Planning Proj	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$70,786.00	\$0.00	Central California Coastal

Project Description
Produce an erosion-prevention plan for a 66 mile network of active surfaced and un-surfaced roads and legacy roads.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230445	CDFG	San Pedro Creek Watershed Cooperative	San Pedro Creek Watershed Coalition	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$75,900.00	\$0.00	San Francisco Bay

Project Description
To develop classic fisheries projects that are recommended in the San Pedro Creek Watershed Assessment and Enhancement Plan.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230442	CDFG	California State Parks, Santa Cruz District	Santa Cruz Park District Road-Related Erosion Prevention Planning Proj	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$142,812.00	\$0.00	Central California Coastal

Project Description
Produce an erosion-prevention plan that when implemented will improve and protect instream habitat by minimizing erosion attributable to 153 miles of active surfaced and un-surfaced roads and legacy roads

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0250013	CDFG	CalTrout	Santa Monica Mountains Steelhead Habitat Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$158,100.00	\$0.00	Ventura-San Gabriel Coastal

Project Description
Develop a comprehensive plan that allows priorities for steelhead habitat restoration to be established systematically, strategically and intelligently, building upon similar assessments

Project Ref	Grantee	Subgrantee	Project Name	State
P0210428	CDFG	Siskiyou Resource Conservation District	Scott River Watershed Council	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	26-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$65,373.00	Klamath

Project Description
Organizational support for the Scott River Watershed Council.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210444	CDFG	Shasta Valley Resource Conservation Distri	Shasta Valley RCD/Shasta River CRMP Coordinator Position	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	27-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$66,506.00	\$0.00	Klamath

Project Description
Fund one full time coordinator position to work for the Shasta Valley RCD and the Shasta River CRMP. The coordinator will continue community outreach, restoration support-building, project development, project implementation and project monitoring, to ensure that restoration work continues in the Shata river and increases in the Klamath River and its tributaries.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210406	CDFG	County of Del Norte	Smith River Watershed Coordinator	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	03-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$48,757.00	\$0.00	Northern California Coastal

Project Description
 Support the Smith River Advisory Council with community education and outreach, develop landowner cooperation and involvement in anadromous fish enhancement projects, coordinate restoration projects in the basin, and act as liaison between private and public entities.

Project Ref	Grantee	Subgrantee	Project Name	State
7200075	CDFG	Sonoma Ecology Center	Sonoma Creek Fish Passage Barrier Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-03 -	Watershed and Sub-basin Planning and Assessment	\$25,836.00	\$0.00	San Francisco Bay

Project Description
 1. Secure permission for access from creekside landowners to conduct fish passage barrier assessment activities. 2. Hire Ross Taylor and Associates to provide 10 hours of detailed training in fish passage barrier assessment protocol. 3. Assess 30 to 40 sites using Part IX of the California Salmonid Stream Habitat Restoration Manual: Fish Passage Evaluation at Road Crossings protocol and the FishXing software to identify passage limitations for anadromous salmonids and their various life stages. As appropriate, other assessment methods may be used, including Guidelines for Salmonid Passage at Stream Crossings (NMFS Southwest Region, September 2001), and Culvert Criteria for Fish Passage (CA Resources Agency and DFG, Draft, September 2001). 4. Rank the fish passage barrier sites using the criteria in Part IX of the California Salmonid Stream Habitat Restoration Manual: Fish Passage Evaluation at Road Crossings in addition to the following criteria: a. on streams with stable geomorphic conditions suitable for the prescribed restoration b. at sites more accessible to equipment and materials c. at sites owned by willing landowners. 5. Confer with the Sonoma County Department of Public Works, Southern Sonoma Resource Conservation District, and California Department of Fish and Game (CDFG) staff in the ranking process.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230436	CDFG	Santa Cruz County Resource Conservation	Soquel Creek Watershed Assessment and Enhancement Implementati	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$104,101.00	\$0.00	Central California Coastal

Project Description
 Implement the restoration recommendations of the Soquel Creek Watershed Assessment and Enhancement Plan.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230434	CDFG	Steelhead and Stream Recovery Coalition of	Steelhead Coalition Outreach: Landowner and Agency Action for Stee	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$46,710.00	\$0.00	Central California Coastal

Project Description
Coordinate and enhance Steelhead recovery efforts throughout San Luis Obispo County through coordinated actions involving Agencies, Landowners and Watershed Nonprofits

Project Ref	Grantee	Subgrantee	Project Name	State
P0210552	CDFG	Ross Taylor and Associates	Stream Crossing Inventory and Fish Passage Evaluation of County-mai	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$42,246.00	\$0.00	Klamath

Project Description
Conduct an inventory of 65 county-maintained stream crossings, assess adult and juvenile fish passage, incorporate the results into previously completed project-scheduled documents to prioritize corrective treatments and provide site-specific guidelines.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230469	CDFG	Marin County Resource Conservation Distric	Tomales Bay Watershed Council Watershed Organization Support and	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$106,260.00	\$0.00	San Francisco Bay

Project Description
To advance and support the activities of the Tomales Bay Watershed Council. The council is developing the first comprehensive watershed stewardship plan. The plan will identify science-based, community supported restoration projects in it's streams, uplands, estuaries and marshes. It will call for specific actions, including regulatory recommendations, addressing human and agricultural waste management, grading standards, streamside protection standards and other land use issues.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230459	CDFG	Sotoyome Resource Conservation District	Upper Mark West Creek Sediment Source Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$16,100.00	\$0.00	Northern California Coastal

Project Description
To complete an inventory along 20 miles along several roads systems within the upper Mark West Creek watershed, tributary of the Russian River that will identify and detail cost effective erosion prevention and control projects that can be undertaken to reduce the risk of future erosion and sediment delivery into Mark West Creek and its tributaries.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230447	CDFG	Santa Cruz County Resource Conservation	Watershed Outreach, Education, and Technical Assistance for the Sa	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$105,929.00	\$0.00	Central California Coastal

Project Description
To coordinate and facilitate outreach, education, and technical assistance that will enhance and restore fisheries in the San Lorenzo Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230425	CDFG	Pacific Watershed Associates	Woodman Creek Watershed Assessment and Restoration Planning Pr	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$24,647.00	\$0.00	Northern California Coastal

Project Description
Reduce impacts, eliminate erosional threats and restore salmonid habitat through the development of a site specific and prioritized plan for cost-effective erosion prevention, erosion control and habitat restoration fro approximately 30 miles of road predominantly within the Woodman Creek watershed north of Laytonville, CA.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0130423	CDFG	Circuit Rider Productions	Assessment of Giant Reed and Restoration Planning, Napa River Wate	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$43,750.00	\$0.00	San Francisco Bay

Project Description
Identify giant reed populations in the Napa River basin; map and analyze data; generate acreage figures; estimate control and restoration costs; develop prioritized plan for control and restoration of invaded sites.

Project Ref	Grantee	Subgrantee	Project Name	State
01-213	CDFG	Siskiyou County Resource Conservation Dist	Assessment of Scott River Flow Enhancement Options	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$82,864.00	\$0.00	Klamath

Project Description
Evaluate water lease/purchase options available to landowners in the Scott River watershed. Identify opportunities with willing water right holders and prioritize alternatives. Develop a comprehensive phased program and describe technical mechanisms necessary for implementation. Summarize potential purchasing entities, identify funding sources, and develop model legal agreements. Formulate an implementation strategy based on selected alternative to provide a comprehensive and cost-effective program.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130418	CDFG	California Department of Fish and Game, Nati	Big Lagoon Restoration Design - Muir Beach	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$175,000.00	\$0.00	San Francisco Bay

Project Description
Develop a project design that will expand and improve rearing habitat and winter refugia for steelhead and Coho by restoring the historic lagoon, known as Big Lagoon, at the mouth of Redwood Creek. The lagoon no longer functions due to manual filling, levee construction, creek relocation, and historic accelerated sedimentation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0150016	CDFG	Cachuma Resource Conservation District	Carpinteria Creek Watershed Plan	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$109,065.00	\$0.00	Central California Coastal

Project Description
Prepare a watershed implementation plan that includes activities which will protect and enhance fish habitat and passage throughout Carpinteria Creek.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110306	CDFG	Rural Human Services	Coastal Streams Coordination	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$49,774.00	\$0.00	Northern California Coastal

Project Description
Continuation of the Del Norte County Coastal Streams Coordination Program. Project includes hiring a Coastal Streams Coordinator who will promote community involvement in critical coastal stream improvement projects by recruiting and managing participation from all segments of the community with a particular focus on landowner participation.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0130419	CDFG	County of Santa Cruz	County of Santa Cruz Road Crossing and Salmonid Passage Assessment	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$91,766.00	\$0.00	Central California Coastal

Project Description
Complete an initial assessment of all County road crossings on salmonid streams. Evaluate passage conditions at up to 70 stream crossings that may be passage impediments for salmonids. Create a priority list for mitigation. Complete initial passage improvement designs and construction estimates for 2 highest priority projects.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110520	CDFG	Eel River Watershed Improvement Group	Davis Creek Watershed Assessment and Planning Proposal	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$49,551.00	\$0.00	Northern California Coastal

Project Description
Improve salmonid habitat through the development of a site specific and prioritized plan for erosion prevention, habitat restoration, and non-point source pollution control through an assessment of the lands in the Davis Creek watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110517	CDFG	Eel River Watershed Improvement Group	Diamond 'D'/Brightman Ranch Erosion Hazard Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$20,338.00	\$0.00	Northern California Coastal

Project Description
Conduct a systematic inventory of the road and land use related erosion hazards and active sediment sources in the Burr Creek, Mill Creek and Larabee Creek watersheds on approximately 35 miles of unpaved primary vehicle access roads and 10 miles of abandoned secondary roads.

Project Ref	Grantee	Subgrantee	Project Name	State
7200112	CDFG	Napa County Resource Conservation District	Dry Creek Watershed Planning and Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-DEC-02 -	Watershed and Sub-basin Planning and Assessment	\$10,000.00	\$0.00	San Francisco Bay

Project Description
1. Conduct upslope sediment budget and roads assessment, focusing on controllable erosion and direct sediment delivery to stream channels in the upper Dry Creek watershed primarily along three to four miles of county roads and the main channel beginning above 4000 Dry Creek Road. Assessment may extend to the headwaters and tributaries if access, time and funds allow. a. Roads, landings, culverts, stream crossings, debris slides, gullies, cutbanks, streamside slides, and other causes of sediment loading in upslope and in-stream sites will be identified and measured. b. The "Dry Creek Erosion Control and Implementation Plan" summarizing the data of the sites covered and including site-specific treatment prescriptions with cost estimates and site prioritization based on cost-effectiveness and sediment savings will be a deliverable under the terms of this contract.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110529	CDFG	Eel River Watershed Improvement Group	Eel River Watershed Improvement Group Support and Assistance Pro	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 30-JUN-03	Watershed and Sub-basin Planning and Assessment	\$118,345.00	\$0.00	Northern California Coastal

Project Description
Improve water quality and spawning and rearing habitat of salmon and steelhead throughout the Eel River system by providing salary support, office and operational expenses for 2 watershed coordinator positions in the Eel River Basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110515	CDFG	Natural Resources Management Corporation	Fearrien Ranch Road Inventory	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$18,575.00	\$0.00	Northern California Coastal

Project Description
 Conduct a road inventory to obtain a database of sediment sources and chronic non-point source erosion problems on the active and abandoned road network on the Fearrien Ranches that drain into Larabee Creek, Conley Creek and Dobbyn Creek.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0130413	CDFG	FishNet 4C	FishNet 4C - Fishery Network of the Central California Coastal Countie	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$123,920.00	\$0.00	Central California Coastal

Project Description
 Support the efforts of the 6 counties of the Central California Coast ESU to protect and restore federally listed salmonid species.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110309	CDFG	Trinity County Planning Department	Five Counties Salmon Conservation Program	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$314,695.00	\$0.00	Klamath

Project Description
 Support the efforts of the Five Counties Salmon Conservation Program projects and planning to conserve and restore federally listed salmonid species, appurtenant habitats, and water quality.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0130426	CDFG	Sotoyome Resource Conservation District	Gualala River Watershed Outreach and Education Program	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$8,370.00	Northern California Coastal

Project Description
 Provide facilitation of restoration efforts with private landowners on the Gualala River Watershed through outreach, education and project coordination.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110323	CDFG	Yurok Tribal Fisheries Program	Habitat Assessment and Restoration Planning in the Salt Creek Waters	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$36,247.00	\$0.00	Klamath

Project Description

Conduct habitat typing/mapping and fish distribution surveys within the Salt Creek drainage to determine the extent of anadromy within the drainage and identify potential migration barriers. Make habitat restoration recommendations.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110545	CDFG	Eel River Watershed Improvement Group	Hanson Ranch Subdivision Watershed Erosion Hazard Assessment	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$11,387.00	\$0.00	Northern California Coastal

Project Description

Conduct a systematic inventory of the road and land use related erosion hazards and active sediment sources in the Hanson Ranch subdivision on approximately 30 miles of unpaved primary vehicle access roads and 10 miles of abandoned secondary roads (old skid roads).

Project Ref	Grantee	Subgrantee	Project Name	State	
P0130435	CDFG	Pacific Watershed Associates	Irmulco Road Corporation Watershed Inventory and Implementation Pla	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$21,084.00	\$0.00	Northern California Coastal

Project Description

Reduce impacts, eliminate erosional threats and restore salmonid habitat in the Noyo River watershed through development of a site specific and prioritized plan for cost-effective erosion prevention, erosion control and habitat restoration along the 28 miles of Irmulco Road and adjacent roads near Fort Bragg.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110519	CDFG	Mattole Restoration Council	Landowner and Community Outreach for Mattole Fisheries Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$44,612.00	Northern California Coastal

Project Description
Develop future sediment delivery site inventory and treatment projects. Conduct community education about diesel fuel spills and water withdrawals. Build the capacity of the Mattole Restoration Council to conduct field-based projects in our Reforestation and Good Roads Program and Clear Creeks Program.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110523	CDFG	Eel River Salmon Restoration Project, PCFFA	Leggett Creek Watershed Planning Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$26,076.00	\$0.00	Northern California Coastal

Project Description
Complete a watershed restoration plan for Leggett Creek Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0150014	CDFG	Matilija Coalition	Matilija Coalition Organizational Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$87,700.00	\$0.00	Ventura-San Gabriel Coastal

Project Description
Participate as public component in the multi-agency effort, led by the Army Corps of Engineers, to remove Matilija Dam and restore the Ventura River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200101	CDFG	Mendocino County Department of Transport	Mendocino County Roads Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	30-SEP-02 -	Watershed and Sub-basin Planning and Assessment	\$38,867.00	\$0.00	Northern California Coastal

Project Description

The Department of Transportation will perform road erosion assessments to identify and quantify all road-related erosion sources. In addition, stream crossings will be evaluated for obvious fish barrier problems. The data will be incorporated into the existing 5-County Road Assessment Access database; and GIS maps locating priority sites will be prepared. The database will be used to develop clearly prioritized and site-specific recommended treatments, estimate costs of those treatments, and identify, characterize, and quantify those future road-related and upland sediment sources most likely to impact fish-bearing streams. Short and long-term spoils storage sites will be identified, evaluated and mapped.

Project Ref	Grantee	Subgrantee	Project Name	State
7200108	CDFG	Mendocino County RCD	Mendocino Resource Conservation District ¿ Watershed Program Coord	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-NOV-02 - 01-FEB-03	Watershed and Sub-basin Planning and Assessment	\$9,498.00	\$0.00	Northern California Coastal

Project Description

1.The Contractor will work closely with McNab Creek watershed landowners participating in the road erosion assessment and coordinate implementation of the assessment with the contractor (Pacific Watershed Associates) and landowners. PWA is currently working on a road assessment under a current DFG SB271 contract. The contractor will design and host a workshop with McNab watershed landowners and PWA to explain the assessment and implementation options to landowners for their input. The Contractor will also host a field workshop on a completed PWA/District road assessment and implementation project at Nash Mill Road in Philo, CA for the McNab Ranch Road Association officers and maintenance persons. Finally, the Contractor will work with the road association officers and landowners to develop an implementation grant proposal. 2.The Contractor will complete site visits, coordination, site designs and grant proposals (drawing from all available sources of funding) for the following projects already initiated. a.Road erosion assessment and implementation of prescriptions for Feliz Creek landowner, Pat Metohnen. The implementation project prescribes reshaping, rocking and culvert replacement on three miles of unpaved road at the headwaters of Feliz Creek off Highway 253 between Boonville and Ukiah. b.Road erosion assessment and implementation of prescriptions on 3 miles of unpaved road in the York Creek watershed on Jack Cox¿s ranch. The implementation project prescribes road reshaping, rocking and culvert replacement. c.Arundo donax removal and native revegetation project at the City of 10,000 Buddhas off Talmage Road near Talmage, CA. The project includes field assessment, creation of a scope of work, revegetation site design, coordination among landowners and Sotoyome RCD (through the Fish Friendly Farming program) and the potential contractor, Circuit Rider Productions, Inc. 3.The Contractor will coordinate the District¿s Upper Russian River Restoration Program which will include but is not limited to administering Fish Friendly Farming, collaboration with Sotoyome and Gold Ridge RCDs, the Russian River Watershed Council, District Board meetings, other agency meetings, continuation of Forsythe Creek watershed meetings and workshops. The primary part of this task will be the continuation of capacity-building, outreach and assistance to the Forsythe Creek Watershed Advisory Group. The Group is now working to implement very small-scale projects and outreach in anticipation of receiving assessment grant monies. Furthermore, this task includes continuing coordination with the University of CA Cooperative Extension on the Russian River Tributary Landowner Workshops.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200109	CDFG	Mendocino County Resource Conservation	Navarro Watershed Arundo Control Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-SEP-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$14,817.00	Northern California Coastal

Project Description
1. Form an Arundo Task Force with representation from local landowners, Mendocino Redwood Company, State Parks, Mendocino County RCD, State Coastal Conservancy and Department of Fish and Game; 2. Develop a public outreach campaign to promote technical assistance and cost-share programs available to landowners; 3. Conduct a demonstration/training workshop to assure that we do not inadvertently induce the spread of Arundo donax; 4. With a trained crew, remove identified infestations with supportive landowners (this is the main budgeted project task); 5. Monitor sights that have been treated with the cooperation and assistance of landowners; 6. Produce a final report with documentation, maps, and recommendations.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110530	CDFG	Eel River Watershed Improvement Group	Nielson Ranch Subdivision Watershed Erosion Hazard Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$2,011.00	\$0.00	Northern California Coastal

Project Description
Conduct a systematic inventory of the road and land use related erosion hazards and active sediment sources in the Nielson Ranch subdivision on approximately 4.5 miles of unpaved primary vehicle access roads and 2.5 miles of abandoned secondary roads (old skid roads).

Project Ref	Grantee	Subgrantee	Project Name	State
P0150010	CDFG	California Trout Incorporated	Project Coordinator for the Southern California Steelhead Coalition	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$107,002.00	\$0.00	Central California Coastal

Project Description
Organize, facilitate and coordinate public involvement and scientific assessment activities to restore populations of native steelhead in Southern California watersheds.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110525	CDFG	Buckeye Conservancy	Promoting Sound Resource Management Practices and Policies	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 30-JUN-03	Watershed and Sub-basin Planning and Assessment	\$30,000.00	\$0.00	Northern California Coastal

Project Description
 Promote sound management and sustainability for all resources in Humboldt County, especially for healthy and viable watersheds and their anadromous fish populations.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110303	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Redwood Creek Watershed Inventory and Restoration Planning, Proje	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$48,080.00	\$0.00	Northern California Coastal

Project Description
 Reduce impacts to and restore salmonid habitat through development of a site-specific and prioritized plan for erosion prevention and habitat restoration in a 6063 acre portion of Redwood Creek. This is the final area needing assessment in the entire Redwood Creek basin.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110334	CDFG	Tyler Ledwith	Road Assessment and Restoration Planning in the Bluff Creek Waters	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	17-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$95,844.00	\$0.00	Klamath

Project Description
 Prioritize road sites for treatment based on the potential (risk) for sediment delivery, potential volume of sediment delivered, and impacts on downstream resources.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130415	CDFG	Mendocino County Resource Conservation	Russian River Watershed Council Organization Development	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$68,808.00	Northern California Coastal

Project Description
 Coordinate efforts within the Russian River watershed to reduce riparian impacts and restore salmonid habitat through development of a watershed assessment and management plan that involves a wide variety of stakeholders from within the watershed in Sonoma and Mendocino Counties.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110524	CDFG	Jack Monschke Watershed Management	Salmon Creek Watershed Assessment 2002	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$35,200.00	\$0.00	Northern California Coastal

Project Description
Continue the development of an Assessment Plan of the Salmon Creek watershed. This is phase 3 (phase 1 took place in 1999 and phase 2 in 2001), whereby the sediment inventories and fisheries assessments will be continued.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110319	CDFG	Salmon River Restoration Council	Salmon River Watershed Organization Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 27-AUG-03	Watershed and Sub-basin Planning and Assessment	\$57,126.00	\$0.00	Klamath

Project Description
Sustain the efforts of the Salmon River Restoration Council in generating general public and landowner support for the protection and restoration of the Salmon River watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
7200151	CDFG	County of Ventura, Parks Department	San Antonio Creek Fish Passage Restoration	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-03 -	Watershed and Sub-basin Planning and Assessment	\$65,824.00	\$0.00	Ventura-San Gabriel Coastal

Project Description
Data review/site Investigations ; the grantee, or its designee, will conduct the following surveys of San Antonio Creek within Soule Park and the appropriate adjacent reaches. Will conduct Conceptual Design, Engineering.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130425	CDFG	San Francisquito Creek Joint Powers Author	San Francisquito Creek Steelhead Passage Improvement Program Barr	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$15,516.00	\$0.00	San Francisco Bay

Project Description
Develop scheme for improving fish passage in San Francisquito Creek.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0130414	CDFG	Natural Resources Management Corporation	Santa Angelina Ranch Road Inventory	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$21,730.00	\$0.00	Northern California Coastal

Project Description
Conduct a road inventory to obtain a database of sediment sources and chronic non-point source erosion problems on the active and abandoned road network on the Santa Angelina Ranch, which lies primarily in the upper Maacama Creek drainage. Prioritize sites for correction in order to minimize sediment contributions to the Maacama, Briggs, Ingalls and Bear Creeks and the Russian River.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110314	CDFG	Scott River Watershed CRMP, Siskiyou Coun	Scott River Watershed Council	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$52,701.00	\$0.00	Klamath

Project Description
Plan and prioritize resource management projects which benefit anadromous fish and other wildlife in the Scott River watershed. Educate the public about anadromous fish life cycles, the need for improving their habitat, and the process for restoration efforts. Encourage voluntary landowner efforts in restoration activities.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110312	CDFG	Great Northern Corporation	Shasta CRMP Coordinator	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$61,497.00	\$0.00	Klamath

Project Description
Maximize the rate of salmonid restoration progress in Shasta Valley. This will be accomplished by continuing community outreach, restoration support-building, and project development to insure that restoration continues in the Shasta Valley.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-148	CDFG	Great Northern Corporation	Shasta Irrigation Alternative Investigation	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$7,383.00	\$0.00	Klamath

Project Description
 Initiate investigation of legal status of dormant DWR plans to transfer water from Klamath River to Shasta Valley. Water transfer would allow substitution of lower quality Klamath River water for irrigation use, leaving high quality Shasta River water to be used primarily for fish production.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110329	CDFG	County of Del Norte	Smith River Watershed Coordinator	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$49,088.00	\$0.00	Northern California Coastal

Project Description
 Support the Smith River Advisory Council with community education and outreach, develop landowner cooperation and involvement in anadromous fish enhancement projects, and coordinate restoration programs in the basin.

Project Ref	Grantee	Subgrantee	Project Name	State
7200146	CDFG	Conception Coast Project	South Coast Steelhead Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	25-SEP-02 -	Watershed and Sub-basin Planning and Assessment	\$6,668.00	\$0.00	Central California Coastal

Project Description
 a. Riparian Canopy Cover Map - CCP will produce a plotted map of riparian canopy cover for all streams in the study area which will be used for future planning. The map will be by 3? x 5? and a digital file will be available as an addendum to the report. b. Stream Gradient Map - CCP will produce a map showing a modeled stream gradient for all streams in the study area. The map will be by 3? x 5? and a digital file will be available as an addendum to the report.. c. Jalama Watershed Map - CCP will produce a map of Jalama watershed outlined with barriers marked, indicating what ranking the barrier received. The map will also indicate the quality of habitat that is within this watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0185102	CDFG	Regents of the University of California Davis	Spring-Run Chinook Salmon Workgroup	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$25,284.00	Lower Sacramento

Project Description
 Maintain and build on local and regional efforts to recover spring-run Chinook salmon through cooperative efforts that will reduce the necessity for a more adversarial regulatory approach.

Project Ref	Grantee	Subgrantee	Project Name	State
P0185102	CDFG	Regents of the University of California Davis	Spring-run Chinook Salmon Workgroup	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-00 - 30-JUN-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$25,284.00	Lower Sacramento

Project Description
 Continue facilitation and administration of the Spring Run Chinook Salmon Workgroup, providing an inter-watershed forum for the conservancies working to protect and restore tributaries for spring-run chinook.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130410	CDFG	Trout Unlimited - California Council	Ten Mile River Watershed Assessment Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Watershed and Sub-basin Planning and Assessment	\$131,693.00	\$0.00	Northern California Coastal

Project Description
 Complete upslope sediment assessment of 6 high priority Coho salmon producing sub-basins within the Ten Mile River watershed, with appropriate upslope and instream restoration prescriptions.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200110	CDFG	Marin County Resource Conservation Distric	Tomales Bay Watershed Restoration and Stewardship Plan Developm	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$0.00	\$40,000.00	San Francisco Bay

Project Description

1.Direct the Tomales Bay Watershed Coordinator to conduct watershed organization and support activities that will lead to the completion of the Tomales Bay Watershed Restoration and Stewardship Plan (Plan) in the Tomales Bay watershed. 2.Complete within six months of contract execution, the final first phase of the Watershed Restoration and Stewardship Plan. 3.Submit quarterly progress reports or review drafts with invoices to the DFG Contract Manager. 4.Submit draft Plan to Contract Manager within six months from start of contract. 5.Submit draft final report to Contract Manager within ten months from start of contract. 6.Submit final Plan to Contract Manager within eightmonths from start of contract. 7.Submit final report to Contract Manager within one year from start of contract

Project Ref	Grantee	Subgrantee	Project Name	State	
7200148	CDFG	Resource Conservation District of the Santa	Topanga Creek Southern Steelhead Monitoring	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	24-FEB-03 -	Watershed and Sub-basin Planning and Assessment	\$24,809.00	\$0.00	Ventura-San Gabriel Coastal

Project Description

With the cooperation of involved landowners, the Contractor will develop long term steelhead habitat improvements on public and/or private lands in the watershed by carrying out comprehensive, watershed-wide assessment activities. These activities will include information based upon prior evaluation and assessment work done by DFG and other agencies, as it exists, as well as the result of the Grantee's current, comprehensive assessment and planning efforts. The assessment document will provide DFG and the landowners of the Topanga Creek Watershed with recommendations and implementation plans that will address 'keystone' problems affecting the Topanga Creek Watershed. Secondary restorative measures will also identify project opportunities, and evaluate priority sites for project implementation, or recommend additional specific project planning that will improve fish and wildlife habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0150015	CDFG	Tri-County FISH Team	Tri-County FISH Team	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUN-02 - 15-SEP-03	Watershed and Sub-basin Planning and Assessment	\$90,000.00	\$0.00	Central California Coastal

Project Description

Support the efforts of the local agencies and watershed interests in providing a coordinated approach to steelhead restoration efforts in the tri-county area (Santa Barbara, San Luis Obispo, and Ventura Counties).

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200152	CDFG	Ventura County Watershed Protection Distri	Ventura River Steelhead Habitat Suitability Index	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$22,726.00	\$0.00	Ventura-San Gabriel Coastal

Project Description

1.The Grantee, or their designee, will collect quantitative data, based on the life history needs of steelhead, needed to develop a Habitat Suitability Index model for the Ventura River, Ventura County. The project will consist of various parts: A.Pre-survey planning: The grantee will work with their consultant to identify the specific parameters for which data will be collected, and coordinate land owner access to the various reaches within the Ventura River from the ocean to the base of Matilija Dam. B.Data Collection: The grantee's consultant will conduct stream surveys during July 2003. A variety of pre-identified physical and biological data will be collected and input into a database, which is subjected to rigorous Quality Assurance/Quality Control check. C.Data Analysis and Report Generation: The grantee's consultant will generate habitat quality curves for the HIS model based on the data. Once the model has been generated the grantee's consultant will produce a report detailing the methodology, data collected, analyses, results and an explanation of the applications and limitations of the model. 2.The grantee will provide two copies (one hard copy and one digital) of the final Steelhead Habitat Suitability Index for the Ventura River report to the Department's Project Manager. Any final GIS, database worksheets and/or data developed under the terms of this agreement, will be delivered to the Project Manager on paper and electronic media, in an ArcView compatible format.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0110304	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Wilson Creek Watershed Inventory and Restoration Planning Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-03 -	Watershed and Sub-basin Planning and Assessment	\$83,959.00	\$0.00	Northern California Coastal

Project Description

Reduce impacts to and restore salmonid habitat through development of a site-specific and prioritized plan for erosion prevention and habitat restoration in the 8718 acre Wilson Creek watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0085005	CDFG	California Department of Water Resources	Aerial Photographic Survey of California Streams	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$50,000.00	San Joaquin

Project Description

Conduct an aerial survey of California Streams.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030503	CDFG	Coastal Watershed Council	Aptos Creek Watershed Assessment and Enhancement Plan	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-02 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$106,248.00	Central California Coastal

Project Description
 Provide current information and analysis for conditions within the watershed. The plan will result in recommendations for site specific habitat protection and restoration prescriptions for steelhead and Coho salmon.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030482	CDFG	Santa Cruz County Resource Conservation	Assessment Plan for the Restoration of Salmonid Habitats throughout t	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$150,000.00	Central California Coastal

Project Description
 For the Soquel watershed, evaluate existing habitat conditions for fish and wildlife, identify environmental problems that may be causing aquatic and riparian degradation, determine limiting factors to Coho reintroduction, assess conditions for improving steelhead populations, identify specific enhancement projects, stimulate landowner involvement, collect and compile current and past studies throughout the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010576	CDFG	Northwest Resource	Blue Slide Historical Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$44,195.00	Northern California Coastal

Project Description
 To determine and scientifically quantify past and current trends of stream and riparian conditions, to provide the planning group landowners information on which to formulate objectives, select project priorities for field projects.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030500	CDFG	Ridge to River	Broaddus Creek Tributaries Watershed Assessment	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-02 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$12,884.00	\$12,884.00	Northern California Coastal

Project Description
Assess adjacent drainage basins to identify and prioritize restoration prescriptions to improve the spawning and rearing habitat in Broaddus Creek tributaries.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030402	CDFG	Greenspace, The Cambria Land Trust	Building Public, Agency, and Landowner Support for Restoration of th	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$26,185.00	Central California Coastal

Project Description
To generate public, agency, and landowner support for the upcoming development of a watershed plan for the Santa Rosa Creek watershed; to prepare potential participants in the planning process with an understanding of the human activities responsible for the failure of steelhead to recover in the creek; methods of protecting, enhancing, and restoring the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010540	CDFG	California State Parks	Burns, Slide, and Panther Creek Watershed Assessment	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$10,500.00	Northern California Coastal

Project Description
Inventory, map, and assess roads in the watershed with the purpose of identifying sediment sources.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030462	CDFG	Pacific Watershed Associates	Charles and others South Fork Gualala River Watershed Inventory and	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,020.00	Northern California Coastal

Project Description
Conduct a sediment source investigation on 4000 acres of land in the Gualala River Watershed and develop a site-specific, prioritized implementation plan for preventing controllable sediment yield in order to enhance the recovery of anadromous salmon and steelhead.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030408	CDFG	Alameda County Flood Control and Water Co	Coordination, Facilitation, and Implementation, of Steelhead Restoration	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$83,016.00	\$0.00	San Francisco Bay

Project Description

Facilitate workgroup meetings, develop proposals for funding restoration activities, develop landowner cooperation, develop conceptual design for fish passage structures, organize volunteer activities, organize educational activities.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030514	CDFG	Natural Resources Management Corporation	Covelo Empire Road Inventory	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$69,120.00	Northern California Coastal

Project Description

Conduct a road inventory to obtain a database of sediment sources and chronic non-point source erosion problems on the active and abandoned road network. Following this, restoration sites will be identified and prioritized for action implementation.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010335	CDFG	National Park Service, Redwood National Par	Data Management for Road Assessment and Erosion Prevention Plann	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$58,709.00	Northern California Coastal

Project Description

Secure funds for the continued employment of a technician for data management for two project areas covering 32000 acres of the upper Redwood Creek basin. Work to be completed includes data entry, GIS database management, quality control and data reports with treatment priorities outlined.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030488	CDFG	Napa County Resource Conservation District	Dry Creek Watershed Management Plan	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$65,000.00	San Francisco Bay

Project Description
Create a watershed plan that will provide both general guidelines and site-specific restoration projects that landowners can implement on their properties. The plan will be based on watershed evaluation and assessment, working with the physical, economic and social conditions in the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030475	CDFG	Gold Ridge Resource Conservation District	Dutch Bill Creek Watershed Road Assessment and GIS Mapping	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$25,124.00	Northern California Coastal

Project Description
Inventory of ongoing and potential sediment sources throughout the watershed; prioritized list of cost-effective erosion prevention projects will be developed for future implementation.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010529	CDFG	Eel River Watershed Improvement Group	Eel River Watershed Improvement Group Support and Assistance Pro	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$117,395.00	Northern California Coastal

Project Description
Provide salary support, office and operational expenses for two watershed coordinator positions in the Eel River basin.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030471	CDFG	Greenfield Ranch Association	Eldridge Creek Watershed Organization	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 15-MAY-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$17,000.00	Northern California Coastal

Project Description
 Expand efforts being made by the Greenfield Ranch Association to protect and restore salmonid habitat by encouraging more involvement by the Greenfield community and surrounding landowners. This will be accomplished by organizing educational workshops and volunteer restoration projects, holding regular Stewardship Advisory Committee meetings and posting related articles, and newsletters.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010333	CDFG	Siskiyou County Resource Conservation Dist	Etna Road Erosion Inventory	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 30-MAY-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$49,224.00	Klamath

Project Description
 Conduct watershed analysis and planning for restoration treatment projects. Map entire road network and inventory sediment sources; create landslide history map; GIS database to record findings; erosion prevention plan will be developed, and organized.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010361	CDFG	Great Northern Corporation	Final Stage of Shasta River Flow and Temperature Modeling	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUN-01 - 15-APR-03	Watershed and Sub-basin Planning and Assessment	\$75,350.00	\$0.00	Klamath

Project Description
 Gather stream flow and temperature data with the objective of completing a mathematical model of the Shasta River that is capable of accurately predicting the temperature response of the Shasta to changes in instream flows, irrigation water removal and return, and increased or decreased shading at all normally encountered summer flow levels; use model for restoration project design and prioritization.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010546	CDFG	California Conservation Corps	Fish Habitat Assistant	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$435,871.00	Lower Sacramento

Project Description
To expand California Conservation Corps fish habitat improvement work projects to key coastal watersheds of California by funding four Fish Habitat Assistants for two years.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010358	CDFG	U.S. Forest Service Klamath National Forest	Fish Passage and Assessment: Forest Roads in Key Watersheds, Kla	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUN-01 - 30-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$13,620.00	Klamath

Project Description
For all forest road crossings of fish bearing streams: field inventory and characterize crossings, identify fish passage problems, prioritize the recommend repair strategies for these crossings.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030453	CDFG	FishNet 4C	FishNet 4C	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$119,793.00	\$0.00	Central California Coastal

Project Description
Support the efforts of the six counties of the Central California Coast ESU to respond to conservation needs of federally listed salmonid species. This is done through facilitating effective local actions, policies and improved management practices that will maintain and improve the region's water quality and riparian habitat; providing increased assistance and education for local government and the private sector; encouraging cooperation and coordination between all levels of regulatory agencies responsible for fishery protection and restoration.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010526	CDFG	Pacific Watershed Associates	Fort Seward Ranch Property: Erosion Control Implementation Planning	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$145,255.00	Northern California Coastal

Project Description
Conduct a watershed assessment for sediment sources; develop a site-specific and prioritized plan for cost-effective erosion prevention, erosion control and habitat restoration.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030409	CDFG	Pacific Watershed Associates	Garrapata Creek Watershed Erosion Inventory and Restoration Plannin	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$54,125.00	\$0.00	Central California Coastal

Project Description
Develop a site-specific and prioritized plan for cost-effective erosion prevention/control and habitat restoration within the Garrapata Creek Watershed. This will be accomplished by an air photo analysis, field inventory, and sediment source inventory.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030452	CDFG	Coastal Watershed Council	Gazos Creek Watershed Assessment and Enhancement Plan	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-APR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$68,000.00	Central California Coastal

Project Description
Conduct a watershed assessment including the following: sediment yield study, hydrologic assessment, large woody debris recruitment analysis, channel stability analysis. Following this, restoration habitat enhancement recommendations will be made.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030479	CDFG	Gold Ridge Resource Conservation District	Gold Ridge Stewardship Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$49,760.00	\$0.00	Northern California Coastal

Project Description
Provide facilitation of restoration efforts with watershed organizations throughout the Gold Ridge Resource Conservation District.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010321	CDFG	Trinity County Resource Conservation Distri	Grouse Creek Watershed Road Inventory Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-MAY-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$49,321.00	Klamath

Project Description
 To conduct an inventory of the road network on private lands in Grouse Creek watershed to prioritize sediment reducing restoration activities.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030493	CDFG	Sotoyome Resource Conservation District	Hobson Creek Sediment Source Assessment	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$12,675.00	Northern California Coastal

Project Description
 Complete an inventory along 14 miles of road system within the Hobson Creek watershed, that will identify and detail cost-effective erosion prevention and control projects that can be undertaken to reduce the risk of future erosion and sediment delivery into Hobson Creek and its tributaries.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030426	CDFG	E Center	Hulls Valley Creek Assessment and Planning Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$20,997.00	Northern California Coastal

Project Description
 Assess the riparian corridor and instream habitat conditions. 1) Habitat typing report of Hulls Valley Creek 2) Quantify channel length with and without riparian vegetation 3) Star worksheet Assessment report on road and culvert location and conditions; prescriptions included 4) Gather all landowners, fully inform them of the work being down, gather support for restoration projects 5) Create final report.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010350	CDFG	Redwood Community Action Agency	Humboldt Bay Watershed Coordinator Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$45,192.00	\$0.00	Northern California Coastal

Project Description
Support the Humboldt Bay Watershed Coordinator to work with the Humboldt Bay Watershed Advisory Committee to implement prioritized sections of the Humboldt Bay Watershed Plan. Continue coordination of stakeholders in the watershed in support of salmon recovery; update and add to the plan.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010370	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Jacoby Creek Watershed Assessment and Restoration Planning Proje	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAY-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$122,177.00	Northern California Coastal

Project Description
Watershed assessment (sediment sources) and restoration planning.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010528	CDFG	Pacific Watershed Associates	John Rice Property: Watershed Inventory and Implementation Planning	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$18,402.00	Northern California Coastal

Project Description
Conduct an assessment of erosion problems as they relate to water quality for salmonids, for the purpose of implementing erosion control measures and watershed restoration planning.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030459	CDFG	Sotoyome Resource Conservation District	Kelly Road Sediment Source Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$18,176.00	Northern California Coastal

Project Description
To complete a sediment source and erosion control survey of 17.2 miles of Kelly Road that culminates in completion of an integrated plan containing specific recommendations for erosion prevention and control projects that will reduce the risk of future erosion and sediment delivery to the stream channels and will lead to the restoration of salmonid habitats in the watersheds.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010539	CDFG	Mainstem Eel River Group	Larabee Creek Ranch Subdivision Road Watershed Erosion Hazard A	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$23,634.00	\$0.00	Northern California Coastal

Project Description
Conduct a systematic inventory of the road and land use related erosion hazards and active sediment sources. Results will be presented in a planning report that will include a prioritized site treatment list.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010527	CDFG	Eel River Watershed Improvement Group	Little Larabee Creek Erosion Assessment Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$26,160.00	Northern California Coastal

Project Description
Conduct an assessment of erosion problems as they relate to water quality for salmonids, for the purpose of implementing erosion control measures and watershed restoration planning.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010573	CDFG	Humboldt County Resource Conservation Di	Lower Eel Basin Watershed Organizational Support Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$97,466.00	Northern California Coastal

Project Description
 Direct assistance to landowners and landowner based watershed groups, leading to resource conservation and fisheries habitat improvements, by providing funding to support Humboldt County Resource Conservation District project manager, technical team and clerical staff.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010572	CDFG	Alderpoint-Blocksburg-Casterlin Community	Mainstem Eel River Group	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$28,678.00	Northern California Coastal

Project Description
 This project will create 3 part-time watershed coordinator positions within the Mainstem Eel River Group.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010549	CDFG	Mattole Salmon Group	Mattole Salmon Recovery Support and Capacity Building	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$37,745.00	\$0.00	Northern California Coastal

Project Description
 To help enhance capacity for restoration in the Mattole watershed; for sustaining essential ongoing programs and to assist in organizing an infrastructure and data storage capacity capable of sustaining expanded initiatives and long-term efforts at salmon recovery.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010371	CDFG	Redwood Community Action Agency	McDonald Creek Watershed Assessment	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 30-APR-03	Watershed and Sub-basin Planning and Assessment	\$28,739.00	\$0.00	Northern California Coastal

Project Description
 Conduct road inventory and assessment and establish a database of sediment sources on active and abandoned roads; create a priority list for treatment of sediment sources; add the roads assessment information to a GIS database being created by State Parks.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030492	CDFG	Mendocino County Resource Conservation	McNab Ranch Road Erosion Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$21,444.00	Northern California Coastal

Project Description
Develop a comprehensive assessment of sediment sources associated with the main road network within the McNab Creek Watershed and portions of the Feliz Creek and Robinson Creek Watersheds, and to develop site-specific plans for treating these sediment sources.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010332	CDFG	Yurok Tribe Watershed Restoration Departm	Mettah Creek Watershed Assessment Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 15-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$91,206.00	Klamath

Project Description
Watershed assessment to focus on sediment sources, prioritize project sites, make recommendations for restoration treatments.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010523	CDFG	Yager/Van Duzen Environmental Stewards	Middle Van Duzen Watershed Inventory and Implementation Planning P	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$243,200.00	Northern California Coastal

Project Description
Reduce impacts to and restore salmonid habitat through development of a site specific and prioritized plan for cost-effective erosion prevention, erosion control and habitat restoration in the 157 mile portion of the middle Van Duzen River watershed. This will be accomplished through air photo analysis, field inventory of upland sediment sources, preparation of prioritized plan of action.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010509	CDFG	Mattole Restoration Council	Mid-Mattole Watershed Restoration Plan	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$4,754.00	\$59,698.00	Northern California Coastal

Project Description

Conduct a systematic inventor of the road and land-use related erosion hazards and active sediment sources in the Middle, Westlund, Gilham, Fourmile, and Sholes Creek watersheds. Results will be presented in a planning report that will include worksite treatment prescriptions prioritized according to hazard to Coho and steelhead bearing streams, cost/benefit analysis, and access feasibility; GIS database with treatment sites.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010336	CDFG	Scott River Watershed Council, Siskiyou Cou	Mill Creek Road Erosion Inventory	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 30-MAY-03	Watershed and Sub-basin Planning and Assessment	\$77,513.00	\$0.00	Klamath

Project Description

Conduct watershed analysis and planning for restoration treatment projects. Map entire road network and inventory sediment sources; create landslide history map; GIS database to record findings; erosion prevention plan will be developed, and organized.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030405	CDFG	Coastal San Luis Resource Conservation Di	Morro Bay Watershed Steelhead Restoration Planning Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$25,500.00	Central California Coastal

Project Description

Identify keystone problems in the watershed; make restoration efforts more effective by developing a prioritized list of restoration actions.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010302	CDFG	U.S. Forest Service Six Rivers National Fore	North Fork Eel River Sediment Source Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 - 15-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$10,262.00	Northern California Coastal

Project Description
Identify and quantitatively assess sediment sources (primarily landslides and debris torrents) in the North Fork Eel River watershed. Data would be used to evaluate sediment production trends and identify sites for mitigation such as tree planting or toe treatments.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030496	CDFG	E Center	Organizational Support for Fourth Year of Round Valley Resource Ce	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$43,999.00	\$0.00	Northern California Coastal

Project Description
Funding for Round Valley Resource Center, working with community to address habitat needs in the Middle and North Fork Eel Rivers and their tributaries.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030509	CDFG	Santa Cruz County Public Works	Pajaro River Flood Control Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$50,000.00	Central California Coastal

Project Description
Conduct watershed organization and support for the Pajaro River Flood Control Project. A forum for coordinating salmonid habitat restoration efforts, including meeting facilitation, public involvement and technical assistance will be implemented.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010301	CDFG	U.S. Forest Service Six Rivers National Fore	Pilot Creek Sediment Source Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 - 15-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$4,505.00	Northern California Coastal

Project Description
Identify and quantitatively assess sediment sources (primarily landslides and debris torrents) in the Pilot Creek watershed. Data would be used to evaluate sediment production trends and identify sites for mitigation such as tree planting or toe treatments.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010503	CDFG	Bear River Regional Resources Conservanc	Projects of Bear River Regional Resources Conservancy	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$12,832.00	Northern California Coastal

Project Description

To contact all owners in watershed area to share information on how to maintain and improve conditions for (and providing) quality fish habitat; to engage in projects including road and stream bank assessment, restoration, and stream temperature monitoring; to collect information necessary to improve fisheries habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030486	CDFG	Sonoma Ecology Center	Public Involvement for Steelhead Habitat Monitoring and Recovery in S	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-03 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$75,430.00	\$0.00	San Francisco Bay

Project Description

Gather needed information on salmonid limiting factors and watershed conditions. Share results and recommendations with citizens, agencies, and governments to educate the community and improve local and regional land use decisions.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010533	CDFG	Natural Resources Management Corporation	Redwood House Road Inventory	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Watershed and Sub-basin Planning and Assessment	\$0.00	\$38,080.00	Northern California Coastal

Project Description

Conduct a road inventory to obtain a database of sediment sources and chronic non-point source erosion problems on the active and abandoned road network within the project area.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010307	CDFG	Tyler Ledwith	Road Assessment and Restoration Planning in the Middle Fork Smith W	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$89,580.00	Northern California Coastal

Project Description

To prioritize road sites for treatment based on the potential risk for sediment delivery, potential volume of sediment delivered, and impacts on downstream resources.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010306	CDFG	Tyler Ledwith	Road Assessment and Restoration Planning in the South Fork Smith W	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-MAY-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$102,361.00	Northern California Coastal

Project Description
Prioritize road sites for treatment based on the potential risk for sediment delivery, potential volume of sediment delivered, and impacts in downstream resources.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030473	CDFG	Ross Taylor and Associates	Road Crossing Inventory and Fish Passage Evaluation of Mendocino a	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$96,174.00	\$0.00	Northern California Coastal

Project Description
Conduct an inventory of 250 county-maintained road crossings located within anadromous stream reaches of Russian River tributaries; assess adult and juvenile fish passage; develop a project-scheduling document for Mendocino and Sonoma Counties that will prioritize corrective treatments and provide site-specific guidelines for unimpeded fish passage.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010355	CDFG	U.S. Forest Service, Salmon River Ranger Di	Road Sediment Source Inventory and Risk Assessment: Klamath Natio	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$72,130.00	Klamath

Project Description
Conduct watershed assessment for sediment sources. This includes locating unmapped roads, mapping and characterizing erosion sources, identifying high risk crossings and other sites, prioritizing sites for treatment, developing treatment strategies.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010372	CDFG	McBain and Trush	Rocky Gulch Stream Assessment	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$18,400.00	\$0.00	Northern California Coastal

Project Description

Identify and evaluate the primary factors limiting anadromous salmonid populations in Rocky Gulch, then prioritize and design remediation/restoration activities. The product of this project will be a preliminary watershed assessment, design recommendations and implementation plans, and engineering cost estimates for implementing proposed restoration actions.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030485	CDFG	Natural Resources Management Corporation	Russian River Property Owners Association Management Plan	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-APR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$46,600.00	Northern California Coastal

Project Description

To develop an environmentally sound management plan that collectively examines the agricultural, ranching, and riverine needs between the Middle and Alexander Valley reaches of the Russian River. The foci of the management plan will be on developing an approach that combines voluntary landowner efforts with existing regulatory requirements and incentives.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010342	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	Salmon Creek Delta Restoration Planning Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 30-MAR-03	Watershed and Sub-basin Planning and Assessment	\$54,125.00	\$0.00	Northern California Coastal

Project Description

Improve fish passage and habitat quality in Salmon Creek through the development of an implementation ready plan for the delta at the mouth in Humboldt Bay.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010522	CDFG	Jack Monschke Watershed Management	Salmon Creek Watershed Assessment 2001	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$77,440.00	Northern California Coastal

Project Description
 Continue the development of a comprehensive integrated watershed plan that started in 1999. This proposal would conduct field based surveys of an additional 37% of the watershed (not included in original proposal), and also includes a riparian assessment of approximately 30% of the watershed and 40% of the Class I and II streams in the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010345	CDFG	Salmon River Restoration Council	Salmon River Watershed Organization Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$26,376.00	Klamath

Project Description
 To sustain the efforts of the Salmon River Restoration Council in generating general public and landowner support for the protection and restoration of the Salmon River watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010550	CDFG	Northwest Resource	Salt River PI	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$47,052.00	\$0.00	Northern California Coastal

Project Description
 Building capacity for the cooperative mobilization of upland tributary restoration by contacting landowners, gaining access and permission for assessment, developing a cooperative assessment project, and facilitating restoration project development. Secondly, build public confidence, gain cooperation on estuary and sediment delivery issues by resolving excessive sediment yield problems.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030407	CDFG	San Gregorio Environmental Resource Cente	San Gregorio Creek Watershed Partnership	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$11,970.00	San Francisco Bay

Project Description
Increase landowner and local resident support for salmonid restoration through roundtable meetings, educational and volunteer events and publication of two educational brochures.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030419	CDFG	Community Action Board of Santa Cruz Cou	San Lorenzo River/Branciforte Creek Barrier Assessment Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$21,220.00	Central California Coastal

Project Description
To assess and recommend modifications to in-channel migration barriers for juvenile mobility; the project will lead to modification or removal of these barriers to allow passage in 90% of flows.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010343	CDFG	Scott River Watershed Council, Siskiyou Cou	Scott River Subbasin Strategic Action Plan (Scott River Watershed Pla	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$11,171.00	\$0.00	Klamath

Project Description
Develop a Scott River subbasin strategic action plan to accelerate the restoration of native anadromous stocks. The subbasin plan will include: analysis of current and historic conditions, identification of limiting factors, data and restoration needs (including type and location), prioritization of restoration project opportunities, and monitoring plans.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010347	CDFG	Scott River Watershed Council, Siskiyou Cou	Scott River Watershed Council	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$39,336.00	Klamath

Project Description
Give organizational support to the Scott River Watershed Council which will enable the group to plan and prioritize resource management projects, implement community education events, contribute work on the Scott River Sub basin Strategic Action Plan.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030490	CDFG	Scott's Creek Watershed Council	Scotts Creek Watershed Council Support and Assistance	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$15,350.00	Central California Coastal

Project Description
To fulfill the mission of the Scotts Creek Watershed Council by providing organizational development, project coordination and environmental education services to the members of the Council, residents and other stakeholders in the watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010351	CDFG	Great Northern Corporation	Shasta CRMP Assistance	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$25,430.00	Klamath

Project Description
Assist local Watershed Group to restore anadromous fish productivity in the Shasta River through watershed restoration and community education activities.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010374	CDFG	Great Northern Corporation	Shasta CRMP Coordinators	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 15-MAR-03	Watershed and Sub-basin Planning and Assessment	\$51,035.00	\$0.00	Klamath

Project Description
Funding support for watershed planning coordinator positions.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030461	CDFG	Trout Unlimited - California Council	South Fork Big River/Russell Brook Watershed Assessment Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$119,420.00	\$0.00	Northern California Coastal

Project Description

Complete an upslope, road related sediment assessment of Mendocino Redwoods Company property, with appropriate upslope and instream restoration prescriptions.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010303	CDFG	U.S. Forest Service Six Rivers National Fore	South Fork Smith River Sediment Source Assessment	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 - 15-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$10,940.00	Northern California Coastal

Project Description

Identify and quantitatively assess sediment sources in the South Fork Smith River watershed. Data would be used to evaluate sediment production trends and identify sites for mitigation such as tree planting or toe treatments.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010330	CDFG	William Huber & Associates	South Fork Trinity River Coordinated Resource Management Planning	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$50,260.00	Klamath

Project Description

Organizational support for South Fork Trinity River Coordinated Resource Management Planning, which provides resource management planning coordination, outreach, and assistance to individuals, private agencies and foundations.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010341	CDFG	Pacific Coast Fish Wildlife and Wetlands Res	South Fork Winchuck River Watershed Inventory and Restoration Plan	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$90,848.00	Southern Oregon Coastal

Project Description

Reduce impacts to and restore salmonid habitat through development of a site specific and prioritized plan for erosion prevention and habitat restoration in the 7,860 acre portion of South Fork Winchuck River watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010552	CDFG	Monterey Bay Salmon and Trout Project	Southern Coho Salmon Recovery Plan (RE)	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$49,371.00	Central California Coastal

Project Description
 To fill an essential role in the restoration of sustainable Coho salmon runs which occur south of San Francisco through effective implementation of the Southern Coho Salmon Restoration Plan. To target re-introduction streams as identified by the CDFG Coho Recovery Team, to counter the effects of drought and flood, to investigate the effects of antibiotic therapy on BKD in Coho, and to assist in banking genetic DNA information.

Project Ref	Grantee	Subgrantee	Project Name	State
P0050014	CDFG	Resource Conservation District of the Santa	Southern Steelhead Survey of the Topanga Creek Watershed	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 15-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$92,082.00	Ventura-San Gabriel Coastal

Project Description
 Conduct a comprehensive baseline evaluation of Topanga Creek in order to identify potential limiting factors for the recently documented steelhead population, develop specific recommendations for restoration actions within a long term, coordinated watershed planning and management process led by the Topanga Watershed Committee.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030404	CDFG	Steelhead and Stream Recovery Coalition of	Steelhead Coalition Outreach: Landowner and Agency Action for Stee	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$12,505.00	Central California Coastal

Project Description
 Coordinate and enhance Steelhead recovery efforts throughout San Luis Obispo County through coordinated actions involving agencies, landowners and non-profits.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030505	CDFG	Monterey County Public Works	Thorne Road Low-Water Crossing	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 30-APR-03	Watershed and Sub-basin Planning and Assessment	\$108,626.00	\$0.00	Central California Coastal

Project Description

Conceptual design process to evaluate alternatives to modify the existing structure, or construct alternative temporary, or permanent, bridge structures in order to remove migratory obstacles to steelhead, while maintaining the functionality of the roadway.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010519	CDFG	Harris Environmental Science	Tom Long Creek Watershed Assessment	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$41,535.00	Northern California Coastal

Project Description

Develop plan to reduce fine sediment inputs to Tom Long Creek; develop a plan to increase riparian shade, LWD recruitment potential; educate landowners in the Tom Long basin about salmonid habitat requirements, road maintenance, sediment sources, and overall watershed function.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030412	CDFG	San Mateo County Parks and Recreation Divi	Unimproved and Abandoned Roads Sediment Source Investigation	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$52,000.00	\$0.00	San Francisco Bay

Project Description

Perform an inventory of unimproved and unabandoned roads and trails to assess sediment production and develop a detailed implementation plan for reduction of road/trail related sediment input into salmonid bearing streams.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030489	CDFG	Land Partners Through Stewardship	Upper Santa Rosa Creek Watershed Organizational Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$13,925.00	Northern California Coastal

Project Description

Convene an Upper Santa Rosa Creek Watershed Group of private landowners, resources agencies, and organizations; conduct educational field meetings to observe and learn about restoration and road maintenance work being implemented at McCormick Sanctuary; develop a priority list of watershed needs and action items for improving watershed management and restoration; develop a common set of goals which address watershed issues.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030403	CDFG	Big Sur Land Trust	Upper Williams Canyon Creek Watershed Planning Unit	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$24,360.00	Central California Coastal

Project Description

Prepare a Watershed Management Plan for the Mitteldorf Redwood Preserve. The assessment will focus on identifying sediment sources, including roads in the Preserve.

Project Ref	Grantee	Subgrantee	Project Name	State
P0050015	CDFG	City of Ventura	Ventura River Watershed Technical Investigation	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-MAY-01 - 15-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$199,114.00	Ventura-San Gabriel Coastal

Project Description

Prepare a watershed implementation plan to enhance aquatic habitat for steelhead and other sensitive aquatic resources specifically by: Establishing a technical advisory committee, developing a GIS database, locating specific areas where restoration opportunities exist, develop specific restoration activities, promote public outreach and education for landowners.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030467	CDFG	County of Napa	Watershed Coordinator for Napa County	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$125,000.00	San Francisco Bay

Project Description
Plan, develop, and implement a Watershed Master Plan for Napa County.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030414	CDFG	Santa Cruz County Resource Conservation	Watershed Organization and Assistance for the Restoration of Salmo	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$0.00	\$87,870.00	Central California Coastal

Project Description
To coordinate and facilitate resource management activities that will enhance and restore fisheries throughout the Soquel Creek Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010357	CDFG	Resources Management	West Fork Cottonwood Sediment Source Assessment	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Watershed and Sub-basin Planning and Assessment	\$39,389.00	\$0.00	Klamath

Project Description
To conduct a watershed assessment to quantify types and sources of sediment in the West Fork Cottonwood watershed as part of an overall long-term assessment of the impact of land use activities on instream conditions in the Shasta River.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210568	CDFG	Monterey Bay Salmon and Trout Project	Chinook Salmon Enhancement Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 - 14-JUL-03	Salmon Enhancement	\$0.00	\$8,228.00	Central California Coastal

Project Description
This program is designed to increase the numbers of adult Chinook salmon to enhance the sport and commercial fishing opportunities in the greater Monterey Bay Region.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210529	CDFG	Eel River Salmon Restoration Project, PCFFA	Eel River Cooperative Salmon Culture Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Enhancement	\$38,885.00	\$0.00	Northern California Coastal

Project Description
Trap and spawn 40 male and 20 female chinook salmon and produce up to 100,000 eggs. Continue artificial propagation maintenance program. Provide eyed eggs for "salmon in the classroom" educational program.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210536	CDFG	Humboldt Fish Action Council	Humboldt Bay Salmon Enhancement and Monitoring Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Enhancement	\$59,470.00	\$0.00	Northern California Coastal

Project Description
Take up to 60,000 Chinook Salmon eggs and release the smolts back into Freshwater Creek and its tributaries

Project Ref	Grantee	Subgrantee	Project Name	State
P0210535	CDFG	Mattole Salmon Group	Mattole Salmon Stock Rescue Program, 2003 - 2004 Season	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Enhancement	\$47,246.00	\$0.00	Northern California Coastal

Project Description
Continue program to trap and spawn sufficient salmon to produce up to 34,000 chinook salmon to be released as smolts, rescue and rear up to 6,000 down-migrating wild chinook for fall release in Mattole River

Project Ref	Grantee	Subgrantee	Project Name	State
P0210571	CDFG	Rowdy Creek Fish Hatchery	Rowdy Creek Fish Hatchery Enhancement Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Enhancement	\$0.00	\$20,000.00	Northern California Coastal

Project Description
Spawn and rear 450,000 salmon.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110528	CDFG	Monterey Bay Salmon and Trout Project	Chinook Salmon Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 - 30-JUN-02	Salmon Enhancement	\$0.00	\$7,300.00	Central California Coastal

Project Description
 Increase the numbers of adult Chinook salmon in order to enhance the sport and commercial fishing opportunities in the greater Monterey Bay region. Net pens will be used to acclimate the smolts before release.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110539	CDFG	Eel River Salmon Restoration Project, PCFFA	Cooperative Salmonid Culture Program Proposal	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 30-JUN-03	Salmon Enhancement	\$0.00	\$20,000.00	Northern California Coastal

Project Description
 Trap and spawn 40 male and 20 female Chinook salmon to produce up to 100,000 eggs and 6 male and 3 female Coho salmon to produce up to 7,000 eggs to continue artificial propagation maintenance program on S. Fork Eel River and to provide eyed eggs for the "salmon in the classroom" educational program.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110501	CDFG	Salmon Restoration Association of California	Hollow Tree Creek Hatchery	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 31-JUL-03	Salmon Enhancement	\$0.00	\$25,000.00	Northern California Coastal

Project Description
 Expansion of the facility and staff to operate year round.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110538	CDFG	Mattole Salmon Group	Mattole Salmon Stock Rescue Program 2002-2003	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Enhancement	\$0.00	\$20,000.00	Northern California Coastal

Project Description

Continue the program of salmon rescue operations in the Mattole River. Trap and spawn sufficient salmon to produce up to 34,000 Chinook salmon to be released as smolts in the mainstem Mattole River headwaters and an as yet undetermined number of Coho salmon. Rescue rear up to 6000 down-migrating wild Chinook for fall release in the Mattole River at the Mill Creek confluence.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110540	CDFG	Central Coast Salmon Enhancement	Pen Rearing of Chinook Salmon	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 30-OCT-03	Salmon Enhancement	\$0.00	\$22,500.00	Central California Coastal

Project Description

Pen-rear and release 140,000+ yearling Chinook salmon to enhance fisheries.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110537	CDFG	Rowdy Creek Fish Hatchery	Rowdy Creek Fish Hatchery Salmon Enhancement Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 30-NOV-03	Salmon Enhancement	\$0.00	\$20,000.00	Northern California Coastal

Project Description

Spawn and rear 500,000 salmon.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010567	CDFG	Monterey Bay Salmon and Trout Project	2001 Chinook Salmon Enhancement	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 18-MAY-01	Salmon Enhancement	\$0.00	\$7,003.00	Central California Coastal

Project Description

Increase the numbers of adult Chinook salmon to enhance the sport and commercial fishing opportunities in the Monterey Bay region.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010553	CDFG	Eel River Salmon Restoration Project, PCFFA	Eel River Cooperative Salmon Culture Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 30-JUN-02	Salmon Enhancement	\$20,000.00	\$0.00	Northern California Coastal

Project Description
Trap and spawn 40 male and 20 female Chinook salmon to produce up to 100,000 eggs and 6 male and 3 female Coho salmon to produce up to 7,000 eggs to continue artificial propagation maintenance program to provide eyed eggs for the "Salmon in the Classroom" educational program.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010569	CDFG	FishNet 4C	FishNet 4C - Fishery Network of the Central California Coastal Counties	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Enhancement	\$0.00	\$29,039.00	San Francisco Bay

Project Description
Support the efforts of the six counties of the Central California Coast ESU to respond to conservation needs of federally listed salmonid species.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010570	CDFG	Salmon Restoration Association of California	Hollow Tree Creek Hatchery	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Enhancement	\$0.00	\$25,000.00	Northern California Coastal

Project Description
Trap and spawn up to 100 female and 100 male Chinook salmon in order to obtain, incubate and rear a maximum of 250,000 fingerlings for release into Hollow Tree Creek and the Eel River system.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010571	CDFG	Humboldt Fish Action Council	Humboldt Bay Salmon Enhancement and Monitoring Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Enhancement	\$0.00	\$30,000.00	Northern California Coastal

Project Description
To enhance and augment the Chinook Salmon population on Freshwater Creek. Up to 60,000 eggs will be taken, smolts will be released into Freshwater Creek and its tributaries.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010566	CDFG	Fishery Foundation of California	Integrating Mobile Net Pens Into CDFG Salmon Planting Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Salmon Enhancement	\$0.00	\$36,218.00	Klamath

Project Description

Receive salmon yearlings into floating mobile net pens protecting them from predators; float pens in San Pablo Bay, holding the fish in pens for up to two hours until they are acclimated and oriented to their new surroundings; drop nets and release fish.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010518	CDFG	Mattole Salmon Group	Mattole Salmon Rescue Program, 2001-2002 Season	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 01-FEB-03	Salmon Enhancement	\$18,065.00	\$0.00	Northern California Coastal

Project Description

Continue salmon rescue operations as previously approved in the Five-Year Management Plan; trapping/egg taking, surveys, egg incubation, rearing, marking, release; classroom programs, monitoring and education activities.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010568	CDFG	Rowdy Creek Fish Hatchery	Rowdy Creek Fish Hatchery, Salmon and Steelhead Enhancement Proj	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Enhancement	\$0.00	\$30,000.00	Northern California Coastal

Project Description

Spawn and rear 500,000 salmon and 150,000 steelhead for release into the Smith River drainage.

Project Ref	Grantee	Subgrantee	Project Name	State	
00-000	CDFG	Other	Upper Eel River Chinook Emergency Hatchery Program	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Enhancement	\$0.00	\$42,843.00	Northern California Coastal

Project Description

Trap and spawn sufficient Chinook salmon to produce 50,000 yearlings and 50,000 pre-smolts for release into the upper main stem Eel River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200002	CDFG		Yager Creek Salmon Enhancement Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-OCT-01 -	Salmon Enhancement	\$0.00	\$25,863.00	Northern California Coastal

Project Description
<p>1. Operate trapping and rearing facilities, in the Yager Creek and Lawrence Creek, Copper Mill and Shaw Creek system. 2. Grantee may trap and spawn up to 35 female and 70 male chinook salmon to take approximately 100,000 eggs if consistent with a DFG approved 5 year plan and supported by the trapping and rearing permit for 2001/2002 brood year salmon issued by DFG Northern California & North Coast Region. 3. Grantee will rear approximately 65,000 salmon at sites approved in writing by the Project Manager. 4. All chinook salmon will be marked with a left ventral (LV) fin clip prior to their release. 5. All fish will be released in accordance with the 2001/02 brood year trapping and rearing permit, and in accordance with Fish and Game Department and Commission policy.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
P0210567	CDFG	National Marine Fisheries Service, Santa Cru	California Coastal Salmonid Monitoring Plan	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$290,556.00	San Joaquin

Project Description
<p>Develop a sampling plan to estimate status and trends in coastal California salmonid abundance at the ESU or other appropriate spatial scale.</p>

Project Ref	Grantee	Subgrantee	Project Name	State
P0210569	CDFG	University of California, Santa Cruz	California Coastal Salmonid Monitoring Plan Database	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$64,589.00	San Joaquin

Project Description
<p>Develop a GIS database repository for data which will be collected under California Coastal Salmonid Monitoring Plan. The database will conform to DFG Information Technology Standards, and generate queries and reports to address questions developed by NOAA Fisheries and California Department of Fish & Game's Native Anadromous Fish and Watershed Restoration Branch.</p>

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230464	CDFG	California Department of Fish and Game	Central Coast Coho Salmon And Steelhead Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$37,080.00	\$0.00	Central California Coastal

Project Description
 Monitor baseline habitat conditions and coho salmon and steelhead populations in San Gregorio and Pescadero watersheds, Aptos and San Vicente watersheds, Upper Carmel River and Big Sur River and San Simeon, Santa Rosa, and San Luis Obispo watersheds.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210564	CDFG	California Department of Fish and Game	Coastal Stream Project Monitoring and Evaluation Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$86,107.00	\$0.00	San Joaquin

Project Description
 Monitor and evaluate completed coastal watershed restoration projects and conduct quality assurance and quality control monitoring for new sampling protocols.

Project Ref	Grantee	Subgrantee	Project Name	State
7200066	CDFG	Sotoyome Resource Conservation District	Gualala River Watershed Stream Inventory Support	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$4,896.00	\$0.00	Northern California Coastal

Project Description
 1. Conduct DFG standard stream inventory surveys on approximately 80 miles of streams not subject to previous survey (funded elsewhere, but does not qualify for match). All habitat protocols will be done as summarized in the below table and be in accordance with techniques described in the "California Salmonid Stream Habitat Restoration Manual". 2. Provide 75 hours of local coordinator time to facilitate landowner access permission, and provide lodging for 30 nights for 4 Americorps field crew members.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210512	CDFG	U.S. Forest Service Six Rivers National Fore	Horse Linto Creek Anadromous Monitoring	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$32,780.00	Klamath

Project Description
Continue to monitor Chinook and Sourthern Oregon/Northern CA ESU coho adult spawning escapement to provide feedback on instream watershed restoration work benefiting SONC coho, chinook and steelhead past Horse Linto hatchery supplementation of chinook.

Project Ref	Grantee	Subgrantee	Project Name	State
7200053	CDFG	Humboldt State University Foundation	HSU: Statistical Methods for Presence and Absence Surveys	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$11,613.00	\$0.00	California - Coastal

Project Description
Develop presence-absence protocols for juvenile salmonids in a particular stream or stream reach in the face of uncertain detection. The protocol developed will be generally applicable to all juvenile anadromous salmonid species in coastal California streams; however, the focus of the project will be on the application of estimation methods for juvenile coho salmon in small streams or in stream sections that are within the sampling frame of those streams surveyed by CDFG's current presence-absence surveys of coho salmon.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210558	CDFG	Mattole Salmon Group	Mattole Salmonid Population Trend Monitoring, 2003 - 2004	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$15,895.00	Northern California Coastal

Project Description
Continue and expand ongoing data collection programs for the determination of salmonid population trends using standard techniques for spawning: ground surveys, downstream migrant trapping and direct underwater observation

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210527	CDFG	Rowdy Creek Fish Hatchery	Mill Creek Fisheries Monitoring Program	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$147,704.00	\$0.00	Northern California Coastal

Project Description
Continue monitoring of anadromous fisheries of Mill Creek

Project Ref	Grantee	Subgrantee	Project Name	State	
7200068	CDFG	Southwest Fisheries Science Center	Monitoring of Genetic Resources in the Russian River Coho Salmon	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$11,073.00	\$0.00	Northern California Coastal

Project Description
Conduct genetic analysis on all of the year 2002 captured broodstock population tissue samples from coho salmon populations in the Russian River and Olema Creeks, drainages of Central California. D.) Data analyses will include: Construction of phylogenetic hypotheses, estimation of recent demographic history, estimations of effective population size, evaluation of migration / hybridization among all samples, and a comparison of present versus historic populations from the same drainages.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200052	CDFG	North Carolina State University	NCSU: Statistical Methods for Presence and Absence Surveys	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$21,882.00	\$0.00	California - Coastal

Project Description
Develop presence-absence protocols for juvenile salmonids in a particular stream or stream reach in the face of uncertain detection. The protocol developed will be generally applicable to all juvenile anadromous salmonid species in coastal California streams; however, the focus of the project will be on the application of estimation methods for juvenile coho salmon in small streams or in stream sections that are within the sampling frame of those streams surveyed by CDFG's current presence-absence surveys of coho salmon.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230401	CDFG	Pacific States Marine Fisheries Commission	North Coast California Coho Salmon Regional Presence/Absence and	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$832,384.00	Klamath

Project Description
Describe coho salmon distribution, maternal brood year completeness, estimate abundance.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210575	CDFG	Humboldt State University	Presence Absence Surveys of Juvenile Coho Salmon	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$15,283.00	\$0.00	Lower Sacramento

Project Description
Develop presence-absence protocols to survey for a species in a particular stream or stream reach in the face of uncertain detection, and estimating the percentage of sites (streams, or habitat units within streams) at which a species is present. In particular, we will focus our protocol development on application of estimation methods to juvenile coho salmon in small streams or in stream section that are within the sampling frame of those streams surveyed by CDFG in their presence-absence surveys of coho salmon.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210570	CDFG	North Carolina State University	Presence Absence Surveys of Juvenile Coho Salmon	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$43,764.00	\$0.00	San Joaquin

Project Description
Develop presence-absence protocols to survey for a species in a particular stream or stream reach in the face of uncertain detection, and estimating the percentage of sites (streams, or habitat units within streams) at which a species is present. In particular, we will focus our protocol development on application of estimation methods to juvenile coho salmon in small streams or in stream section that are within the sampling frame of those streams surveyed by CDFG in their presence-absence surveys of coho salmon.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200095	CDFG	Humboldt State University Foundation	Regional Abundance Surveys in the Mad River-Redwood Creek	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$112,095.00	\$0.00	Northern California Coastal

Project Description					
<p>Continue to refine the juvenile abundance estimation methods with cooperation from the Department of Fish and Game Steelhead Research and Monitoring Program (S-RAMP), the Yurok Tribal Fisheries Program (YTFP), and Simpson Resources Company. A written protocol will be produced to ensure that data collected from other regions are consistent and comparable. Conduct a regional survey of juvenile abundance in the Mad River-Redwood Creek hydrologic unit, and provide an estimate of juvenile summer abundance for currently surveyed reaches in the Mad River & Redwood Creek hydrologic unit. Provide information about the distribution of juvenile coho salmon across the landscape in terms of relative abundance for the Mad River-Redwood Creek hydrologic unit. This information will be made available in a comprehensive report including GIS based maps. Provide support for validation monitoring programs and juvenile abundance surveys like those of S-RAMP, YTFP, and the Redwood Community Action Agency including sampling design consultation and statistical support. Develop sampling frames in the Shasta and Scott River basins (already funded by CDFG) and on the Mendocino Coast (partially funded by NOAA ~ Fisheries). The framework will be available for field sampling to begin in these areas and a written report will be produced enabling duplication of frame development elsewhere in the state.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210565	CDFG	Humboldt State University Foundation	Restoration Monitoring Protocol Development Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Research, Monitoring, and Evaluation	\$285,000.00	\$0.00	Lower Sacramento

Project Description					
<p>Complete the development of standardized sampling protocols to monitor, assess, and document the physical and biological responses to various instream salmonid habitat, riparian area protection, and watershed (upslope) restoration and enhancement projects and activities in drainages through California's anadromous salmonid watersheds</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210566	CDFG		Restoration Monitoring Protocol Development Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Research, Monitoring, and Evaluation	\$405,509.00	\$0.00	San Joaquin

Project Description					
<p>Complete the development of standardized sampling protocols to monitor, assess, and document the physical and biological responses to various instream salmonid habitat, riparian area protection, and watershed (upslope) restoration and enhancement projects and activities in drainages through California's anadromous salmonid watersheds</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210559	CDFG	Pacific Watershed Associates	SB 271 Road Decommissioning Effectiveness Monitoring	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$77,671.00	\$0.00	Klamath

Project Description
 To evaluate the effectiveness and short term impacts of various road decommissioning projects and road decommissioning techniques which have been implemented throughout the North California Coast under the CDFG SB 271 Restoration Grant Program, and to develop recommendations for techniques with improved effectiveness and cost-effectiveness which can be applied to upcoming grant-funded decommissioning work.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210432	CDFG	Siskiyou Resource Conservation District	Scott River Water Balance - Precipitation Gauging	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	15-MAY-03 -	Salmon Research, Monitoring, and Evaluation	\$56,146.00	\$0.00	Klamath

Project Description
 Supply comprehensive precipitation data to a model of the inflow/outflow of water in the Scott River watershed. The model will provide information on the spatial timing of water movement through the system, as well as the extent/timing of groundwater/surface water interactions

Project Ref	Grantee	Subgrantee	Project Name	State
7200098	CDFG	University of California Davis	Shasta River Fish Distribution, Behavior and Habitat Study	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-03 -	Salmon Research, Monitoring, and Evaluation	\$4,860.00	\$0.00	Klamath

Project Description
 Temperature data using automatic data loggers will be collected from no less than four non-contiguous reaches of the Shasta River at least one week prior to and during the time river surveys are being conducted. Continuous temperature readings shall be recorded at no less than 1 hour intervals (24/7) throughout the study data collection period. Survey Protocols Fish population work will be performed using a combination of direct observation diving, seining, trapping or electrofishing, as appropriate, and in a manner prescribed in a Scientific Collection permit issued by the California Department of Fish and Game for this study. Monthly Progress Reports and Annual Report.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200051	CDFG	Smith River Alliance	Smith River Adult Trout and Salmon Surveys for 2003	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$3,322.00	\$0.00	Northern California Coastal

Project Description
Grantee shall coordinate and conduct a basin-wide survey of the North Fork, Middle Fork and South Fork Smith River, located in Del Norte County. The entire network of approximately 70 miles will be surveyed. All occurrences of adult salmonid and cutthroat trout will be recorded.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210560	CDFG	Eel River Salmon Restoration Project, PCFFA	Sproul Creek Downstream Migrant Monitoring Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$19,147.00	\$0.00	Northern California Coastal

Project Description
To continue a four year study into year five and six through the operation of two downstream migrant traps on Sproul Creek, in order to monitor production, run timing and size of chinook salmon, coho salmon and steelhead in Sproul Creek. In addition this project will allow tissue collection for genetic stock analysis.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210513	CDFG	U.S. Forest Service Six Rivers National Fore	Willow Creek Anadromous Monitoring	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$32,780.00	Klamath

Project Description
Continue to monitor chinook and SONC ESU listed coho adult spawning escapement to provide feedback on past instream watershed restoration work benefiting chinook, coho, and steelhead. Continue to monitor juvenile anadromous downstream migrants (DSM) to the Willow Creek Watershed for the same reasons.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200116	CDFG	Humboldt State University Foundation	Archeological and Rare Plant Surveys	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-03 -	Salmon Research, Monitoring, and Evaluation	\$60,000.00	\$0.00	California - Coastal

Project Description

1. Conduct archeological resources and rare plant surveys on five road sediment reduction projects (#98 Ft. Seward Ranch, #141 E.B. South Fork Eel River, #143 Hollow Tree Creek, # 217 Eldridge Cr. and # 237 Ward Cr./Russian Gulch, Gualala R. Watershed) and approximately 20 adaptive management fish habitat restoration sites, in the counties within the Department of Fish and Game's Central Coast and Northern California - North Coast regions. 2. The surveys shall identify all prehistoric and/or historic archeological resources, or sites of ethnic significance and presence or non-presence of rare plants that occur on the proposed fish habitat restoration project sites. The surveys shall be designed to consider the potential adverse effects to cultural resources and rare plants that may result from implementing the proposed habitat restoration project activities and to provide recommendations that would eliminate or reduce adverse impacts to a less than significant level. The surveys shall use standard protocols to meet the 2003 California Environmental Quality Act (CEQA) Guideline requirements.

Project Ref	Grantee	Subgrantee	Project Name	State
7200136	CDFG	California Department of Fish and Game, Sis	Coordination of Adult Coho Spawning Survey 2003	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-NOV-02 -	Salmon Research, Monitoring, and Evaluation	\$5,000.00	\$0.00	Klamath

Project Description

Track timing and estimate numbers of adult coho as they enter the Scott River system. Survey index reaches, as delineated in the 2001-2002 survey. Survey all other potential coho streams for presence/absence and range/distribution twice during the spawning season. Additional field information on index streams relating to: velocity, substrate, temperature and stream gradient, will be integrated throughout the regular survey schedule by field crew members.

Project Ref	Grantee	Subgrantee	Project Name	State
P0185305	CDFG	Pacific States Marine Fisheries Commission	Data Collection and Programming Project for NAFWB	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$367,138.00	San Joaquin

Project Description

Project A: Update Fisheries Restoration Grants Program projects in the database as new data are available; integrate the Fisheries Restoration Grants Program with the California Habitat Restoration Project Database; produce maps, reports, queries from the database and present information as needed, assist in website development; acquire new data. Project B: Update the California Marine Nearshore Habitat database as new data are available; integrate and develop GIS and remote sensing information for coastal marine mapping technology; produce maps, reports, queries from the database and present information as needed, assist in website maintenance; acquire new data.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110546	CDFG	Humboldt County Resource Conservation Di	Eel River Baseline Temperature Monitoring	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$58,661.00	\$0.00	Northern California Coastal

Project Description

Continue 2 years of basin-wide temperature monitoring in order to supply agency and industry biologists and other stakeholders data that will assist their efforts in seeking present health and trends for planning and restorative actions throughout the Eel River Basin.

Project Ref	Grantee	Subgrantee	Project Name	State
7200153	CDFG	Southwest Fisheries Science Center	Genetic Resources Monitoring in the Russian River Salmon	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$73,753.00	\$0.00	Northern California Coastal

Project Description

Conduct genetic analysis on all of the year 2002 captured broodstock population tissue samples from coho salmon populations in the Russian River and Olema Creeks, drainages of Central California. This work will include the following components: A.)Characterization of the genetic population structure B.)A minimum of 25 microsatellite loci will be identified C.)Processing of the year 2002 samples D.)Data analyses E.)Relationships between samples will be evaluated F.)Sample analysis will extend to include archived samples

Project Ref	Grantee	Subgrantee	Project Name	State
P0110527	CDFG	Coastal Stream Restoration Group	Instream Cover Enhancement Monitoring and Evaluation Program, Low	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$28,768.00	\$0.00	Northern California Coastal

Project Description

Collect data regarding juvenile densities, distribution and habitat utilization of the constructed large woody debris structures versus the existing small woody debris and overhanging vegetation. Data will assist resource managers with habitat and resource conditions, possible improvements and land management activities.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0130434	CDFG	National Park Service, Point Reyes National	Long-term Coho Salmon and Steelhead Trout Monitoring in Coastal Mar	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$60,000.00	\$0.00	San Francisco Bay

Project Description
Continue long-term monitoring program established through the National Park Service for coastal Marin County watersheds, including Olema Creek, Pine Gulch Creek, Redwood Creek, and tributaries of Lagunitas Creek.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110526	CDFG	Mendocino County Water Agency	Mill Creek Restoration Project: Monitoring Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$25,808.00	\$0.00	Northern California Coastal

Project Description
Assess improvements in the physical conditions of Mill Creek that can be attributed to the ongoing Mill Creek Restoration Project road upgrades. Establish baseline conditions for several parameters that are indicative of the quality of salmonid habitat, then track changes over time. Parameters will include water quality indicators, physical streambed and channel morphology indicators, and biological indicators.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110536	CDFG	Yurok Tribal Fisheries Program	Monitoring and Evaluation of Current and Historical Physical Habitat Co	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$43,585.00	\$0.00	Klamath

Project Description
Determine whether water quality and/or habitat within the Klamath River Estuary have changed over time and whether they are currently a limiting factor for juvenile salmonids.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200144	CDFG	Yurok Tribal Fisheries Program	Monitoring Juvenile Salmonid Emigration-Klamath River Basin	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-MAR-03 - 24-AUG-03	Salmon Research, Monitoring, and Evaluation	\$6,635.00	\$0.00	Klamath

Project Description
 Provide at least one crew member to assist the California Department of Fish & Game Natural Stocks Assessment Project (NSA) with beach seine sampling of the Klamath River estuary between March 15, 2003 and September 30, 2003. Yurok Tribal Fisheries Program (YRFP) crew members may also assist in electro fishing sampling if needed. Assist NSA with data entry, data reduction, and quality assurance/quality control measures.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110332	CDFG	Humboldt State University Foundation	Preliminary Delineation of Coho Stream Reaches in the Scott and Shas	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	15-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$46,155.00	\$0.00	Klamath

Project Description
 Preliminary delineation of Coho habitat in the Scott and Shasta basins providing for the evaluation of the effectiveness of ongoing and future projects directed towards the recovery of Coho salmon.

Project Ref	Grantee	Subgrantee	Project Name	State
01-027	CDFG	Great Northern Corporation, Shasta River C	Shasta Irrigation District Preliminary Engineering and Design Proposal	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$45,042.00	Klamath

Project Description
 Prepare a preliminary engineering study with design and costs to replace the existing open canal system. Reduce water removal from the Shasta River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110322	CDFG	Siskiyou Research Group	Smith River Stream Habitat Inventory	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$15,182.00	Northern California Coastal

Project Description
 Provide baseline data that will determine the quality and quantity of aquatic habitat. Obtain estimates of basic riparian and hydrologic conditions for 20 miles of fish-bearing tributaries to North Fork Smith River for which no information currently exists.

Project Ref	Grantee	Subgrantee	Project Name	State
7200149	CDFG	Morro Bay NEP	South Coast Salmonid Restoration and Evaluation	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-APR-03 - 07-JUL-03	Salmon Research, Monitoring, and Evaluation	\$7,950.00	\$0.00	California - South Coast

Project Description
 Monitor and evaluate completed coastal watershed restoration projects, collect baseline habitat and population information, and perform quality assurance and quality control (QA/QC) monitoring for other monitoring projects in California's Central Coast and South Coast hydrologic regions. QA/QC monitoring will utilize restoration effectiveness and validation monitoring protocols being development under existing DFG grants. Collection of Biological and Watershed Data, Biological and Physical Data Entry, Report Preparation.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110333	CDFG	California Department of Water Resources	Stream Gauging Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$160,400.00	\$0.00	Klamath

Project Description
 Install 16 stream gauging stations in the Shasta and Scott River systems to collect data essential to the planning and implementation of a recovery plan for Coho salmon. These stations will be real-time data collection platforms collecting stage, discharge, and temperature data. Five precipitation monitors will also be installed at the gauging stations.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
01-056	CDFG	California Department of Water Resources	Water Diversion Construction Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$350,000.00	\$0.00	Klamath

Project Description

Construct lockable headgates and flow measuring devices at 123 diversions to increase the amount of water remaining in these streams for Coho salmon and other instream uses without reducing or impacting the legal rights of water users.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010359	CDFG	Yurok Tribe of California	Calibration of the Turwar Streamflow Gauge on the Klamath River near	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$9,772.00	\$0.00	Klamath

Project Description

Monitor discharge at various flows to calibrate stage-discharge relationship as it changes with year-to-year and seasonal variation in channel profile.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010547	CDFG	Mattole Salmon Group	Channel Assessment for Baseline Data Collection, Middle Creek and W	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$13,782.00	\$0.00	Northern California Coastal

Project Description

Conduct quantitative assessments of channel conditions in two Mattole sub-basins in the Gilham butte area concurrently with the Mattole Restoration Council's inventory of upslope sediment sources. Data will serve as a baseline characterization of key channel parameters, which is necessary to evaluate the success of future priority restoration treatments focused on controlling sediment inputs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010564	CDFG	California Department of Fish and Game, Re	Coastal Restoration Monitoring and Assessment Project Development	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$400,088.00	San Joaquin

Project Description

Develop a program to monitor, assess and document the physical and biological responses to various restoration and enhancement projects conducted in instream, riparian and upslope areas throughout California's coastal anadromous salmonid watersheds. This work will help identify the most effective treatments and guide future restoration efforts leading to the conservation and restoration of California's coastal anadromous salmonid populations.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030468	CDFG	NOAA Fisheries, National Marine Fisheries S	Coho and Steelhead Recovery in a Coastal California Stream	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$139,294.00	Central California Coastal

Project Description

Provide recommendations for the sustainable natural production of Coho and steelhead in the Scott Creek drainage through the study of deterministic biotic and abiotic factors. This work will employ the use of a variety of environmental measures, genetic techniques, studies of behavioral ecology and life history analyses. Of specific interest will be the consequences associated with a long history of artificial propagation in the Scott Creek watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0185303	CDFG	Pacific States Marine Fisheries Commission	Data Collection and Programming Project for Native Anadromous Fish	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$64,913.00	San Joaquin

Project Description

Operate and maintain an Access database to store all Fisheries Restoration Grants Program project information, produce maps, queries, reports from this database, attend meetings to present information.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P9991007	CDFG	Alice A. Rich and Associates	Expert Witness - Lower Yuba River Water Rights Hearing	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-00 - 18-MAY-01	Salmon Research, Monitoring, and Evaluation	\$0.00	\$35,500.00	California - Coastal

Project Description
Provide advice and expert witness testimony to the CDFG at the Lower Yuba River Water Rights Hearing. Provide a review and written critique of a steelhead temperature study that was introduced as evidence in the hearing.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030411	CDFG	Coastal Watershed Council	Gazos Creek Telemetered Stream-Gauging Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAY-03	Salmon Research, Monitoring, and Evaluation	\$25,183.00	\$0.00	Central California Coastal

Project Description
Acquire baseline stream flow data in order to assess flow characteristics. This information is vital in determining essential flow requirements for salmonid habitat.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010554	CDFG	U.S. Forest Service Six Rivers National Fore	Horse Linto Creek Anadromous Monitoring	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$24,970.00	Klamath

Project Description
Continue to monitor Chinook/Coho adult spawning escapement to provide feedback on past Horse Linto hatchery supplementation of Chinook, and instream watershed restoration work that has benefited Chinook, Coho, and steelhead. Continue to monitor juvenile anadromous downstream migrants for the same reasons.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
7200007	CDFG	Humboldt State University Foundation	HSUF: Statistical Methods for Presence-Absence Surveys Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$3,407.00	California - Coastal

Project Description
 Develop presence-absence protocols for juvenile salmonids in a particular stream or stream reach in the face of uncertain detection. The protocol developed will be generally applicable to all juvenile anadromous salmonid species in coastal California streams; however, the focus of the project will be on the application of estimation methods for juvenile coho salmon in small streams or in stream sections that are within the sampling frame of those streams surveyed by CDFG's current presence-absence surveys of coho salmon.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010362	CDFG	California Conservation Corps - Klamath Ser	Indian Creek Riparian Restoration Monitoring Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 30-APR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$7,540.00	Klamath

Project Description
 Monitor harsh, exposed riparian restoration tree planting sites, using statistical methodologies, to determine best practices for future riparian tree planting.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010562	CDFG	University of California, Berkeley	Influences of riparian vegetation and landscape-scale variables on sal	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$91,642.00	\$0.00	Northern California Coastal

Project Description
 To understand relationships between land use, riparian corridors, large woody debris, and salmonid habitat in the Mediterranean climate, hardwood watersheds of coastal California. This study will utilize GIS, remote sensing, stream and riparian field surveys, and existing California Department of Fish and Game databases to explore key ecosystem processes that affect fish habitat in hardwood watersheds.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200024	CDFG	City of Santa Paula	Installation of VAKI Fish Counter on the Santa Paula Creek Fish Ladder	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$36,950.00	Ventura-San Gabriel Coastal

Project Description

Design: The VAKI fish counter is pre-designed and ready for installation upon delivery to the site. The brackets and mounting hardware will have be field designed and appropriately located in accordance with the approval of the various concerned agencies. Installation: Canyon Irrigation Company staff in conjunction with the City of Santa Paula will arrange for the purchase, delivery, and installation of the VAKI fish counter. It is anticipated that the optimum site for installation will be approximately 20¿ downstream of the 30¿ sluice gate at the top of the ladder. This will minimize that amount of mounting material that will have to be fabricated and installed with local labor. Calibration and testing of the equipment shall be done by a VAKI technician or under their supervision. If fish are not present at the time of installation, testing and calibration may have to be done at a later date.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010548	CDFG	Mattole Salmon Group	Mattole Salmonid Population Trend Monitoring	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$13,097.00	\$0.00	Northern California Coastal

Project Description

To ascertain salmonid population trends in the Mattole River. This will be accomplished through spawning ground surveys, downstream migrant trapping and direct underwater observations.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030460	CDFG	Mendocino County Resource Conservation	Mendocino Natural Resources GIS Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$52,162.00	Northern California Coastal

Project Description

To build the capacity of the Mendocino County Resources Conservation District to evaluate past salmon recovery projects and plan future ones, on the basis of scientific data collected into a Geographic Information System.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030495	CDFG	Sonoma State University	Microsatellite Analysis of Russian River Steelhead	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$201,567.00	Northern California Coastal

Project Description

Use microsatellite loci to examine genetic differentiation in Pacific steelhead populations above and below ten impassable barriers and among geographically distinct localities in the Russian River watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
7200008	CDFG	North Carolina State University	NCSU: Statistical Methods for Presence-Absence Surveys Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$21,882.00	California - Coastal

Project Description

Develop presence-absence protocols for juvenile salmonids in a particular stream or stream reach in the face of uncertain detection. The protocol developed will be generally applicable to all juvenile anadromous salmonid species in coastal California streams; however, the focus of the project will be on the application of estimation methods for juvenile coho salmon in small streams or in stream sections that are within the sampling frame of those streams surveyed by CDFG's current presence-absence surveys of coho salmon.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030501	CDFG	University of California, Santa Cruz	Population Genetics of Coastal California Steelhead and Coho Salmon	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$116,406.00	Ventura-San Gabriel Coastal

Project Description

Provide a comprehensive genetic assessment of population structure and demography for coastal populations of Steelhead and Coho Salmon in central California for use in recovery and restoration efforts. It will also provide baseline genetic information for use in future monitoring and propagation efforts.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010551	CDFG	Natural Resources Management Corporation	Riparian Timber and Large Woody Debris Inventory	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$69,382.00	\$0.00	Northern California Coastal

Project Description
 This is a monitoring project to identify large woody debris source distances from streams and tree fall direction tendencies in redwood-dominated riparian zones.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030451	CDFG	California Conservation Corps	Russian River Macroinvertebrate Sampling 2000	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$17,514.00	Northern California Coastal

Project Description
 This sampling project would provide data which can be used for prioritizing streams and/or sites for future restoration projects to improve water quality; establish reference conditions which will provide a goal for the improvement of impaired streams.

Project Ref	Grantee	Subgrantee	Project Name	State	
7200023	CDFG	United Water Conservation District	Santa Clara Upstream Migration Monitoring	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-02 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$17,581.00	Ventura-San Gabriel Coastal

Project Description
 The false weir will be centered in the existing fish baffled channel section of the fish ladder. The water feeding the false weir will come from a 12-inch pipe. The 12-inch pipe connecting to the false weir will have a gate to regulate the flows due to fluctuating river levels at its intake point. Attached to the top of the weir will be a device that will trigger the computer/ video monitor when the fish jumps over the weir. The computer/video monitor will be programmed to record an event for 1 minute before and after the fish has triggered the system. The computer will then log the video clip at 32 frames per second for verification of species at a later date. The system in the proposal will also have the capability to e-mail interested parties when the event has occurred with the video clip. The triggering device will be what is known as a lighted curtain that will tell the computer that a fish has jumped the weir without having to touch any sort of mechanical device.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010367	CDFG	U.S. Forest Service Klamath National Forest	Scott River Smolt Monitoring Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-APR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$30,734.00	Klamath

Project Description
Trap emigrating salmonid smolts, Chinook, Coho and steelhead, in the Scott sub basin to collect baseline data concerning the quantity, quality, run timing, and other life history patterns; provide samples for disease assessment.

Project Ref	Grantee	Subgrantee	Project Name	State
P0185301	CDFG	California Department of Conservation	Senior Engineering Geologist Services	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$89,000.00	San Joaquin

Project Description
Provide the services of one licensed and certified Senior Engineering Geologist from the Division of Mines and Geology, to the Department of Fish and Game to assist in implementing the requirements of SB 271 and the mandates of the Governor's Watershed Initiative.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010340	CDFG	Trinity County Resource Conservation Distri	South Fork Trinity River Water Quality Monitoring Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-MAY-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$112,312.00	Klamath

Project Description
Collect information necessary to help landowners work towards meeting the TMDL indicator targets in order to reduce sediment and improve habitat conditions through an adaptive management process. Data collected over a 2 year period includes trend data for water temperature, channel form and structure recovery, and substrate and sediment distribution trends.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200019	CDFG	Eel River Salmon Restoration Project	Sproul Creek Downstream Migrant Monitoring Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-02 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$7,461.00	Northern California Coastal

Project Description					
<p>Provide for continued downstream migrant (DSM) trapping of juvenile anadromous salmonids in Sproul Creek, to estimate the production of coho salmon and steelhead from the upper reaches of this watershed. Data collected under terms of this agreement will be used to provide for best possible management decisions regarding management of anadromous fish and their habitats in the Sproul Creek Watershed, and other nearby systems. Downstream fyke-pipe traps, of a design subject to the approval of the Grantor's Project Manager, be installed on the West Fork of Sproul Creek and on the upper Main Fork of Sproul Creek (South Fork of Sproul Creek). Both traps will be located on Barnum Timber Company land (Township 5S, Range 3E, NW 1/4 of Section 8, location on the Garberville, CA U.S.G.S. quadrangle). The traps will be operated seven nights per week between March 15, 2002 and June 1, 2002, except during periods of high flow or high water temperature. All salmonids will be identified and subsamples will be measured and weighed. Trapping efficiency will be conducted nightly for each trapping location. The fish used in estimating trap efficiency will be marked by clipping either the upper or lower caudal fin.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
7200004	CDFG		The Mill Creek Fisheries Monitoring Program Mill Creek Monitoring Proje	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-NOV-01 -	Salmon Research, Monitoring, and Evaluation	\$0.00	\$62,390.00	Northern California Coastal

Project Description					
<p>The Mill Creek Fisheries Monitoring Program is comprised of three components; spawner escapement surveys, juvenile out-migration trapping, and summer population monitoring/estimates. These three components collectively function to quantify trends in salmonid production and over-winter survival. Spawner escapement surveys: The objective is to monitor adult relative abundance for chinook in Mill Creek. Spawner surveys will consist of streamside surveys with a minimum of 2 person crews. Juvenile out-migration trapping: The principle objectives of juvenile out-migration trapping will be to quantitatively determine species diversity, species out-migration timing, and monitor long-term trends of salmonids leaving the system. Outmigrant trapping will be conducted using pipe traps on the East Fork and West Branch of Mill Creek. Summer Population Monitoring: Population sampling through juvenile abundance dive counts will estimate young-of-the-year coho salmon and juvenile (1+) steelhead.</p>					

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010331	CDFG	U.S. Fish and Wildlife Service	Trinity River Juvenile Fish Stranding Evaluation	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$67,929.00	Klamath

Project Description					
<p>Identify potential stranding areas exposed at various flows; compare occurrences and severity of stranding between sites where the river is characterized by a natural river morphology, riparian berm morphology, and at channel restoration sites.</p>					

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010565	CDFG	Humboldt State University Foundation	Watershed Effec. Monitoring Field Verification & Collection	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$99,620.00	California - Coastal

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010555	CDFG	U.S. Forest Service Six Rivers National Fore	Willow Creek Anadromous Monitoring	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Salmon Research, Monitoring, and Evaluation	\$0.00	\$24,970.00	Klamath

Project Description

Continue to monitor Chinook/Coho adult spawning escapement to provide feedback on past instream watershed restoration work that has benefited Chinook. Continue to monitor juvenile anadromous downstream migrants for the same reasons.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210540	CDFG	Institute for Sustainable Forestry	"Bringing Sediment Reduction Tools to the Watershed" Workshops	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Public Outreach and Education	\$14,999.00	\$0.00	Northern California Coastal

Project Description

Organize and conduct a training program in storm proofing and other critical road construction/maintenance techniques for young equipment operators within the southern Humboldt /Northern Mendocino area, and to conduct two workshops for landowners entitled "Roads, Sediment and Salmon" providing training in proper road construction and maintenance.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210543	CDFG	Adopt-A-Watershed	2003-2004 Adopt-A-Watershed Leadership Institute	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Public Outreach and Education	\$167,298.00	\$0.00	Central California Coastal

Project Description

Develop a fisheries supplement for use with current AAW curriculum units. Funding will also allow 8 Leadership Teams from critical fishery habitat areas for California to attend the AAW 2003-2004 Leadership Institute. Training will be in program implementation and watershed project coordination. Up to 120 teachers will have on-site training by AAW staff in curriculum implementation and collaboration with community partners.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210544	CDFG	Salmonid Restoration Federation	2004 Salmonid Restoration Conference	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Public Outreach and Education	\$0.00	\$8,000.00	San Joaquin

Project Description

Improve the technical skills of salmon, steelhead and trout fisheries restoration practitioners and contractors.

Project Ref	Grantee	Subgrantee	Project Name	State
7200077	CDFG	Occidental Arts and Ecology Center	Basins of Relations: Creating Community Watershed Groups	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-SEP-03 -	Public Outreach and Education	\$9,999.00	\$0.00	California - Coastal

Project Description

1. Distribute 1,500 informational flyers to project area residents and organizations residing in priority watersheds, including watersheds in Humboldt, Mendocino, Sonoma, Marin, and Napa Counties. High priority watersheds will be selected by and in consultation with DFG planning staff. 2. Post flyers in appropriate community centers, public places, and commercial outlets. 3. Run announcements in appropriate local publications. 4. Review applications and select up to 20 participants for the 2003 Basins of Relations Program from high priority watersheds. 5. Increase the support for and awareness of watershed restoration through public speaking, public education by OAEC staff and the watershed group members that are trained in the Basins of Relations Program. 6. Provide restoration consultation services and resource referrals for landowners. 7. Coordinate and develop regional watershed networks to amplify the effectiveness of local watershed groups. 8. Hire consultant to conduct a comprehensive evaluation of Basins of Relations Program effectiveness. a. Design and implement an evaluation of all groups who have participated in the Program from 2000 to 2002. b. Conduct site-visits and in-person interviews of past participants. c. Complete a written report on the status of the groups, barriers they are experiencing, impact they are having, and the role of the Program in their effectiveness.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
02-155	CDFG	California Department of Fish and Game	California Salmonid Stream Habitat Restoration Manual Printing	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Public Outreach and Education	\$0.00	\$30,465.00	San Joaquin

Project Description
 Print copies of the California Salmonid Stream Habitat Restoration Manual, including a limited printing of the upcoming Part VIII, for distribution to parties involved in salmonid stream habitat restoration.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230427	CDFG	Central Coast Salmon Enhancement	CCSE Education Programs	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Public Outreach and Education	\$34,643.00	\$0.00	Central California Coastal

Project Description
 Expand the CCSE Trout in the Classroom Program and Group Presentations into more local schools in San Luis Obispo and northern Santa Barbar Counties.

Project Ref	Grantee	Subgrantee	Project Name	State
7200097	CDFG	Eel River Watershed Improvement Group	Creek Days Environmental Education Fair - 2004	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-03 -	Public Outreach and Education	\$7,780.00	\$0.00	Northern California Coastal

Project Description
 1. Hold the Creek Days Environmental Education Fair 2004 at the Big Trees area in the Rockefeller Grove of Humboldt Redwoods State Park. Over 5 days, focus on local ecology, watershed processes, and salmonid bearing streams while providing tours to approximately 500 kindergarten through eighth grade students from Humboldt County. 2. Recruit and train docents and booth leaders from the community to lead fair tours and create and staff fair booths. Train docents to lead educational walks that incorporate the local redwood forest setting to link together booth topics into local watershed science. Assist booth leaders in designing California Department of Education Content Standards for California Public Schools (standards) based fair booths. Provide a stipend and cover transportation costs for these volunteers. 3. Facilitate student participation in docent-led walks along a trail within the redwood forest on which students will participate in hands-on, standards-based activities. Booth topics may include, but are not limited to, erosion/soils, aquatic macroinvertebrates, geology, watershed processes, wildlife, hydrology, birds, native plants, Native American culture, and track and scat identification. 4. Provide the Grantor's Project Manager advance written notice of the Creek Days Environmental Education Fair - 2004. This notice shall be provided at least one week in advance of the fair. 5. Evaluate the project's ability to meet standards-based learning objectives by distributing pre and post-tests to approximately 20 percent of the students. Solicit program feedback evaluation from teachers. Collect these evaluations, and summarize results to use in the planning of future fairs.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210541	CDFG	Eel River Watershed Improvement Group	Creek Days, Eel River Environmental Education Fair	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Public Outreach and Education	\$0.00	\$3,576.00	Northern California Coastal

Project Description
Protect and enhance salmon and steelhead habitat by educating approximately 650 local school children on the dynamics of a healthy watershed in a setting that promotes curiosity and enthusiasm.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230463	CDFG	Sotoyome Resource Conservation District	Education and Interpretive Plan; Warm Springs Dam/Don Clausen Fish	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Public Outreach and Education	\$74,096.00	\$0.00	Northern California Coastal

Project Description
To provide a comprehensive education and interpretive plan for the Warm Springs Dam and Don Clausen Fish Hatchery to interpret the history, management and recovery/restoration efforts of the Russian River Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210538	CDFG	Eel River Salmon Restoration Project, PCFFA	Eel River Salmon Restoration Project Education Coordinator	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Public Outreach and Education	\$47,401.00	\$0.00	Northern California Coastal

Project Description
To coordinate and implement DFG's "Salmon and Steelhead Go To School" curriculum in K-12 public and private schools in Humboldt and Mendocino Counties. To work with educators and other interested parties by providing additional support and curriculum relating to salmon and watershed issues including workshops, field trips, video and slide shows, and training in the Project Wild/Aquatic Project Wild curriculum.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230428	CDFG	Salmonid Restoration Federation	Field School - Culvert & Road Drainage Practice in the Central Coast R	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Public Outreach and Education	\$38,964.00	\$0.00	Central California Coastal

Project Description
Provide 2 residential courses serving 60 students, specifically addressing issues of 1) culvert maintenance, repair and replacement including necessary upslope analyses for sizing and sitting requirements, 2) improved road drainage practices to protect water quality, and 3) spoil management issue related to roads.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210537	CDFG	For the Sake of the Salmon	Fish Passage and Culvert Design Workshops	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Public Outreach and Education	\$99,358.00	\$0.00	San Joaquin

Project Description
Train up to 315 people coast wide to be proficient in CDFG and NMFS fish passage protocols and provide design and engineering guidelines for fish passage structures.

Project Ref	Grantee	Subgrantee	Project Name	State
P0210539	CDFG	Mattole Restoration Council	Mattole Ecological Education Program Watershed Week	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Public Outreach and Education	\$0.00	\$5,811.00	Northern California Coastal

Project Description
To provide education in watershed restoration and salmonid ecology to all public school students within the Mattole River watershed. Project components include the Fifth Annual Watershed Week, classroom and field trip assistance and the Salmon-in-the-Classroom project.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0230473	CDFG	University of California Cooperative Extensio	Riparian Landowner Outreach and Restoration in Salmon Creek Water	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Public Outreach and Education	\$96,250.00	\$0.00	Northern California Coastal

Project Description
Expanding a cadre of knowledgeable people with a commitment to resource stewardship to be role models and sources of information in their communities through a comprehensive workshop series; Complete and provide stream reports to landowners with restoration recommendations; Complete 5 restoration projects on high priority stream reaches; Assist landowners in the design and permitting of additional restoration activities

Project Ref	Grantee	Subgrantee	Project Name	State
P0230458	CDFG	University of California Cooperative Extensio	Russian River Tributary Riparian Landowner Outreach and Restoratio	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Public Outreach and Education	\$96,250.00	\$0.00	Northern California Coastal

Project Description
Expanding a cadre of knowledgeable people with a commitment to resource stewardship to be role models and sources of information in their communities through a comprehensive workshop series; Complete and provide stream reports to landowners with restoration recommendations; Complete 5 restoration projects on high priority stream reaches; Assist landowners in the design and permitting of additional restoration activities

Project Ref	Grantee	Subgrantee	Project Name	State
P0210421	CDFG	Salmon River Restoration Council	Salmon River Watershed Education Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	28-MAY-03 -	Public Outreach and Education	\$16,163.00	\$0.00	Klamath

Project Description
Coordinate and integrate watershed education in the two Salmon River elementary schools and the Salmon River watershed so students can continue to participate in watershed education and restoration activities.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0230452	CDFG	Monterey Bay Salmon and Trout Project	Salmon Trout Education Program (STEP) for the Restoration and Cons	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Public Outreach and Education	\$20,063.00	\$0.00	Central California Coastal

Project Description
 For new STEP teachers, provide a two-day training workshop to include in-service training/certification and curriculum materials. Provide classroom and Hatchery educational presentations.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210412	CDFG	Trinity County Resource Conservation Distri	Salmonid & Riparian Habitat Education Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	08-MAY-03 -	Public Outreach and Education	\$19,971.00	\$0.00	Klamath

Project Description
 To further develop the curriculum and expand the implementation of the educational program in local Trinity County elementary schools that directly supports salmonid habitat protection and restoration efforts that are occurring within the Trinity River Watershed.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210400	CDFG	Etna Elementary School District	Scott River Restoration/Education Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	26-MAY-03 -	Public Outreach and Education	\$19,500.00	\$0.00	Klamath

Project Description
 Continue to develop and implement a Scott Valley watershed restoration and education project, focusing on our student and adult community regarding the habitat requirements, economic and cultural importance of our salmon population.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0210449	CDFG	Siskiyou County Office of Education	Siskiyou County Riparian Restoration Aquarium Incubator Extension Pr	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	27-JUN-03 -	Public Outreach and Education	\$69,259.00	\$0.00	Klamath

Project Description
 Riparian restoration and environmental education

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0210545	CDFG	Mattole Restoration Council	Upper Mattole Water Conservation through Education and Incentives	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Public Outreach and Education	\$0.00	\$10,500.00	Northern California Coastal

Project Description
To increase in-stream water flow in critical Upper Mattole coho refugia by encouraging residential and small-scale agricultural water conservation through education and incentives.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230437	CDFG	Santa Cruz County Resource Conservation	Upslope Assessment and Roads Restoration Training Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Public Outreach and Education	\$43,092.00	\$0.00	Central California Coastal

Project Description
To ensure good road function with proven fisheries benefit by training the work crews who actually implement on-the-ground road maintenance, repairs and upgrades.

Project Ref	Grantee	Subgrantee	Project Name	State
P0230444	CDFG	Valley Women's Club	Watershed Festival of Events	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Public Outreach and Education	\$27,000.00	\$0.00	Central California Coastal

Project Description
Increase public awareness throughout the San Lorenzo Valley drainage basin of the fragility of the watershed and the threats to the San Lornezo River as a habitat for fish, and to educate the ways in which landowners and residents can best fulfill their responsibilities to protect the watershed and encourage the restoration of native steelhead and salmon species.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110518	CDFG	Salmonid Restoration Federation	2003 Salmonid Restoration Conference	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Public Outreach and Education	\$7,500.00	\$0.00	Central California Coastal

Project Description
Improve the technical skills of salmon, steelhead and trout fisheries restoration practitioners, and contractors.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0130411	CDFG	Occidental Arts and Ecology Center	Basin of Relations: Creating Community Watershed Groups	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Public Outreach and Education	\$21,737.00	\$0.00	Northern California Coastal

Project Description
 Improve the health of Sonoma County watersheds through increasing citizen awareness and involvement in habitat restoration. This will be done by developing citizen-based Sonoma County watershed groups that are equipped with the knowledge and skills for facilitate watershed system planning, research and monitoring; community education; and hands-on salmonid habitat restoration projects.

Project Ref	Grantee	Subgrantee	Project Name	State
01-064	CDFG	California Department of Fish and Game	California Salmonid Stream Habitat Restoration Manual - Upland (Part I	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-JUN-02 -	Public Outreach and Education	\$62,780.00	\$0.00	San Joaquin

Project Description
 Print copies of Fish Passage, Upslope and Riparian Habitat parts of the California Salmonid Stream Habitat Restoration Manual. To be distributed to current manual holders.

Project Ref	Grantee	Subgrantee	Project Name	State
P0130416	CDFG	Central Coast Salmon Enhancement	Central Coast Salmon Enhancement Education Programs	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Public Outreach and Education	\$31,994.00	\$0.00	Central California Coastal

Project Description
 Expand the CCSE Trout in the Classroom Program and Group Presentations into more local schools in San Luis Obispo and northern Santa Barbara Counties. CCSE's programs educate the Central Coast community, especially youth, about the importance of local salmonid species, including steelhead trout and Chinook salmon, and healthy watersheds so that they may become stewards of these natural resources and active in restoration activities.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110506	CDFG	Eel River Watershed Improvement Group	Creek Days, Eel River Environmental Education Fair	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-02 - 30-JUN-03	Public Outreach and Education	\$3,564.00	\$0.00	Northern California Coastal

Project Description
 Protect and enhance salmon and steelhead habitat by educating approximately 650 local schoolchildren on the dynamics of a healthy watershed in a setting that promotes curiosity and enthusiasm.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110504	CDFG	Eel River Salmon Restoration Project, PCFFA	Eel River Salmon Restoration Project Education Coordinator	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-02 - 30-JUN-03	Public Outreach and Education	\$49,833.00	\$0.00	Northern California Coastal

Project Description
 Coordinate and implement DFG's "Salmon and Steelhead Go To School" curriculum in K-12 public and private schools in Humboldt and Mendocino Counties. Work with educators and other interested parties by providing additional support and curriculum relating to salmon and watershed issues including workshops, field trips and training in the Project Wild/Aquatic Project Wild curriculum.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110317	CDFG	Siskiyou County Resource Conservation Dist	Etna Union High School District Watershed Education Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Public Outreach and Education	\$10,890.00	\$0.00	Klamath

Project Description
 Assist the faculty of the Etna Union High School District to continue to participate in watershed restoration and monitoring activities on the Scott River. Goal is to have the Junior High School begin participating in watershed-wide restoration and monitoring programs, and develop this into a self-sustaining program.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0110541	CDFG	Jughandle Creek Farm and Nature Center	Fisheries and Watersheds Education Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Public Outreach and Education	\$22,650.00	\$0.00	Northern California Coastal

Project Description
 Implement scientific watershed monitoring activities with citizens, college and high school participants utilizing CDFG accepted protocols. Organize training sessions for field monitoring equipment. Add to science lending library. Provide a central watershed education coordinator. Continue watershed awareness field trips, classroom presentations and stewardship activities for younger students.

Project Ref	Grantee	Subgrantee	Project Name	State
P0110325	CDFG	French Creek Outdoor School/Etna Elementa	French Creek Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 15-OCT-03	Public Outreach and Education	\$3,100.00	\$0.00	Klamath

Project Description
 Continue to implement a restoration project including a tree planting program on French Creek and educate students and our adult community of habitat requirements and the economic and cultural importance of our salmon population.

Project Ref	Grantee	Subgrantee	Project Name	State
7200145	CDFG	Pacific Watershed Associates	Restoration Effective Monitoring Protocol Training	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	14-APR-03 - 14-MAY-03	Public Outreach and Education	\$0.00	\$4,231.00	Northern California Coastal

Project Description
 1. Review and refine checklists and qualitative protocols. 2. Locate and lay out field sites for road upgrading and decommissioning monitoring training. 3. Participate in pre-training office and field review. 4. Implement and attend qualitative effectiveness monitoring protocol training.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0130407	CDFG	Monterey Bay Salmon and Trout Project	Salmon Trout Education Program (STEP) For the Restoration and Cons	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Public Outreach and Education	\$17,065.00	\$0.00	California - Coastal

Project Description
 Provide a 2 day training workshop for new STEP teachers to include in-service training/certification and curriculum materials. Provide classroom and hatchery educational presentations. Includes the following counties: Alameda, Contra Costa, Monterey, San Benito, San Francisco, San Mateo, Santa Clara, and Santa Cruz.

Project Ref	Grantee	Subgrantee	Project Name	State
7200150	CDFG	Cleveland National Forest	Steelhead Trout Interpretive Signs	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-03 -	Public Outreach and Education	\$6,476.00	\$0.00	Laguna-San Diego Coastal

Project Description
 Cleveland National Forest personnel will produce 16 interpretive signs (8 in English and 8 in Spanish) depicting the live history, habitat needs and importance of Southern California Steelhead. These signs will be used to educate the public about steelhead in Southern California.

Project Ref	Grantee	Subgrantee	Project Name	State
7200143	CDFG	Camp Fire USA & Northern California Council	Thinking Ahead (W.A.T.E.R.)	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	09-APR-03 -	Public Outreach and Education	\$4,998.00	\$0.00	Northern California Coastal

Project Description
 Coordinate the W.A.T.E.R. program, consisting of 5 days of instruction presented in 3 phases; the pre-program visit, field study, and post-program visit. Provide a one time pre-program classroom visit to introduce the program, assess students' prior knowledge, and begin building a cooperative working community. Assist the class in planning for a stewardship activity to complete during their field study. Activities may include, but are not limited to, visits to the Mad River Fish Hatchery, visits to the Humboldt Fish Action Council trapping and/or rearing facilities, and Arcata Marsh and Wildlife Sanctuary. Provide a three-day field study opportunity consisting of watershed monitoring, hands-on exploration, and a stewardship activity. Perform a one day post-program visit to provide an opportunity for students to take the lessons from their field experience back to their school community. Help students process and analyze the data from their field study and make a creative presentation to their school and/or community.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010513	CDFG	Institute for Sustainable Forestry	"Roads, Sediment and Salmon" Workshops	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$6,288.00	Northern California Coastal

Project Description
To enhance, restore and protect salmonid species by providing rural landowners with technical training to improve and maintain roads and thereby reduce the sedimentation of salmonid streams in the South Fork Eel River and its tributaries.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010324	CDFG	Salmonid Restoration Federation	2002 Salmonid Restoration Conference	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$5,000.00	\$5,000.00	Northern California Coastal

Project Description
Organization of the 2002 Salmonid Restoration Conference, which serves to improve the technical skills of salmon, steelhead and trout fisheries restoration practitioners and contractors through their participation in this event.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010532	CDFG	Adopt-A-Watershed	Adopt-A-Watershed Leadership Institute	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-01 - 15-APR-03	Public Outreach and Education	\$75,134.00	\$73,286.00	Central California Coastal

Project Description
Allow Adopt-A-Watershed to implement and coordinate high quality watershed education/training in 8 new communities in critical salmon and steelhead habitat areas of California.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030478	CDFG	Occidental Arts and Ecology Center	Basins of Relations: Creating Community Watershed Groups	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$19,210.00	Northern California Coastal

Project Description
 The "Basins of Relations" program will improve the health of Sonoma County watersheds through increasing citizen awareness and involvement in habitat restoration; facilitate ongoing activities including watershed system planning, research and monitoring, community education and hands-on salmonid habitat restoration projects.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030455	CDFG	Central Coast Salmon Enhancement	CCSE Education Programs	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$31,678.00	\$0.00	Central California Coastal

Project Description
 Expand the Central Coast Salmon Enhancement Trout in the Classroom Program and Group Presentations into more local schools in San Luis Obispo and northern Santa Barbara counties.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030508	CDFG	City of Santa Cruz	City of Santa Cruz Watershed Management Internship Program	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$3,262.00	Central California Coastal

Project Description
 Enhance student watershed management knowledge, and specifically, understanding of processes which affect anadromous fishes by engaging them in multi-disciplinary, project based environmental education curriculum.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010375	CDFG	Rural Human Services	Classroom Salmon and Steelhead Trout Incubation	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$1,970.00	Northern California Coastal

Project Description

The objective of this proposal is to enlighten students to understand and appreciate salmonid life cycles as related to critical habitat needs. This will be accomplished by giving presentations on salmonid life cycles and critical habitat needs.

Project Ref	Grantee	Subgrantee	Project Name	State
P0185302	CDFG	California Salmon Council	Commercial Salmon Stamp Booklet and Website	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$28,000.00	San Joaquin

Project Description

The Salmon Trollers Advisory Committee seeks to contract with the California Salmon Council to revise the Commercial Salmon Stamp booklet and to develop a website to promote the work of the committee's programs.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010500	CDFG	Ross Taylor and Associates	Completion of Fish Passage Evaluation Protocol for "Section 10 of Calif	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-01 - 31-DEC-01	Public Outreach and Education	\$18,274.00	\$0.00	San Joaquin

Project Description

To complete preparation of a camera-ready copy (in hard and electronic) of Section 10 of the California Salmonid Stream Habitat Restoration Manual.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010356	CDFG	Salmon River Restoration Council	Coordination of the Watershed Education Programs in the Three Salmo	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$18,798.00	Klamath

Project Description

Continue to develop, coordinate, integrate the Watershed Education Program of the three Salmon River elementary schools and implement watershed restoration activities within Salmon River Watershed. Students will participate in field surveys, monitoring and inventories, contributing data to agency partners.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010510	CDFG	Eel River Watershed Improvement Group	Creek Days, Eel River Environmental Education Fair	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$3,710.00	Northern California Coastal

Project Description
Educate approximately 650 local school children on the dynamics of a healthy watershed in a setting that promotes curiosity and enthusiasm.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010511	CDFG	Eel River Salmon Restoration Project, PCFFA	Eel River Salmon Restoration Project Education Coordinator	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Public Outreach and Education	\$0.00	\$47,400.00	Northern California Coastal

Project Description
Coordinate and implement the "Salmon and Steelhead Go To School" curriculum in K-12 public and private schools in Humboldt and Mendocino counties. To work with educators and other interested parties by providing additional support and curriculum relating to salmon and watershed issues including workshops, field trips, video and slide shows, and training. To link all schools involved in the program. To secure additional funding for the program and further equipment upgrades.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030410	CDFG	Santa Cruz County Public Works	Erosion Control Technical Training	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$21,350.00	Central California Coastal

Project Description
Provide anadromous fish habitat degradation prevention courses to Santa Cruz County Public Works maintenance, inspection, and design personnel, and others.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010346	CDFG	Siskiyou County Resource Conservation Dist	Etna Union High School District Watershed Education Program	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$10,532.00	Klamath

Project Description
Assist the faculty of the Etna Union High School District to continue to participate in watershed related studies on the Scott River.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0010339	CDFG	U.S. Fish and Wildlife Service	Fish Kill Emergency Response Training	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-MAY-03	Public Outreach and Education	\$0.00	\$36,597.00	Northern California Coastal

Project Description
Agency and tribal staff will be trained to proficiently participate in a Fish Kill Emergency Response Team to recognize the early stages of deleterious aquatic conditions for salmonids and other aquatic organisms, and to respond to, scientifically investigate, and document fish kill events.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010501	CDFG	Pacific States Marine Fisheries Commission	Fish Passage Workshops	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-01 - 31-MAR-03	Public Outreach and Education	\$93,734.00	\$0.00	Central California Coastal

Project Description
Train up to 450 people coast wide to be proficient in CDFG's newly adopted fish passage protocols.

Project Ref	Grantee	Subgrantee	Project Name	State
P0030472	CDFG	Napa County Resource Conservation District	Fisheries Habitat Assessment, Rehabilitation and Implementation	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$30,500.00	San Francisco Bay

Project Description
Provide technical training and skills to landowners and land managers in site-specific restoration projects. The plan will be based on salmonid habitat watershed evaluation and assessment, working with the physical, economic and social conditions in the watershed.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030474	CDFG	University of California Cooperative Extensio	Forsythe Creek Restoration and Landowner Outreach	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$79,770.00	\$0.00	Northern California Coastal

Project Description
Educate landowners through a series of workshops about salmon life history, habitat requirements and restoration techniques, to be followed up with specific restoration projects. Five restoration projects on high priority steam reaches in cooperation with landowners and California Department of Fish and Game planner Bob Coey and staff will be completed (sites yet to be determined).

Project Ref	Grantee	Subgrantee	Project Name	State
P0010353	CDFG	French Creek Outdoor School/Etna Elementa	French Creek Restoration Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUN-01 - 15-MAR-03	Public Outreach and Education	\$0.00	\$3,600.00	Klamath

Project Description
Continue to implement a restoration project including a tree planting program on French Creek and educate students and the adult community of habitat requirements and the economic and cultural importance of the salmon population.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010560	CDFG	Watershed Research and Training Center	Indian Valley Conservation Education Center	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 31-MAR-03	Public Outreach and Education	\$15,000.00	\$0.00	Klamath

Project Description
To develop and operate a regional Conservation Education Center to educate rural and urban youth in watershed management, fisheries biology, sustainable forestry, and wildlife biology in a service-learning program that integrates educational curricula with field projects in ecosystem management, monitoring, and research.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010304	CDFG	Klamath River Inter-Tribal Fish and Water Co	Klamath River Basin Fish and Water Management Symposium	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$5,000.00	Northern California Coastal

Project Description
Create forum for management agencies, law makers, property owners to meet/share data on policy, regulation, science, planning and protection of Klamath Basin resources.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010512	CDFG	Mattole Restoration Council	Mattole Ecological Education Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-JUN-02	Public Outreach and Education	\$0.00	\$5,199.00	Northern California Coastal

Project Description
To further develop, implement and host "Watershed Week", a week long program for all schools in the Mattole Watershed. The program will focus, and put closure to, what students have learned throughout the year with the Mattole Ecological Education Project, and further solidify the students' understanding of salmonid ecology and watershed processes.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030439	CDFG	Mendocino County Resource Conservation	Mendocino Coast Watershed Festival	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-APR-03	Public Outreach and Education	\$0.00	\$4,972.00	Northern California Coastal

Project Description
Facilitate public conservation education at the annual Mendocino Coast Watershed Festival.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010557	CDFG	County of Napa	Napa County Watershed Academies	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$50,000.00	San Francisco Bay

Project Description
Plan and present up to 4 locally based and oriented Watershed Academies within Napa County.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
P0030454	CDFG	Monterey Bay Salmon and Trout Project	Salmon Trout Education Program (STEP) for the Restoration and Cons	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$11,221.00	Central California Coastal

Project Description
Provide a two-day training workshop to include in-service training/certification and curriculum materials for new STEP teachers. Provide classroom and hatchery educational presentations.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010338	CDFG	Trinity County Resource Conservation Distri	Salmonid and Riparian Habitat Education Project	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 30-MAY-03	Public Outreach and Education	\$0.00	\$18,276.00	Klamath

Project Description
To develop and implement an educational program in the Weaverville Elementary School Sixth Grade Environmental Education Camp curriculum that directly supports salmonid habitat protection and restoration efforts that are occurring within Trinity River Watershed through hands-on field exercises by local professionals engaged in habitat assessment and restoration.

Project Ref	Grantee	Subgrantee	Project Name	State
P0010373	CDFG	Salmonid Restoration Federation	Salmonid Stream Habitat Restoration Field School Course: "Salmon and	CA

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$32,226.00	Lower Sacramento

Project Description
Reduce sediment delivery from unimproved county and private roads to streams supporting ESA listed Coho salmon and/or steelhead populations. Reduce impact of county and private road management and culvert replacement activities on availability and distribution of large wood debris.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
P0030400	CDFG	County of Santa Cruz	Santa Cruz County Stream Habitat Outreach	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$37,530.00	Central California Coastal

Project Description
Update and distribute the Stream Care Guide; sponsor a workshop for contractors and engineers on fish-friendly streambank stabilization projects.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010354	CDFG	Siskiyou County Office of Education	Siskiyou County Creek Restoration and Aquarium Incubator Extension	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	15-JUN-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$24,292.00	Klamath

Project Description
Promote river and stream restoration and a stewardship ethic among students; increase student understanding of ecosystem function; better understand habitat requirements of anadromous fish; promote awareness of human impacts on habitat.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010556	CDFG	Sonoma Creek Adopt-A-Watershed	Sonoma Creek Steelhead Education Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$22,932.00	San Francisco Bay

Project Description
To teach students about the Sonoma Creek Watershed by examining the life cycle and habitat requirements of steelhead trout.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010561	CDFG	Southern Humboldt Unified School District	South Fork Fisheries Secondary Schools Education Project	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$46,139.00	Northern California Coastal

Project Description
To enhance and protect salmonid species through education at a secondary school level, using an approved salmonid-focused curriculum, including field projects in collaboration with local salmon groups, and activities that extend parent and larger community participation.

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
7200027	CDFG	California Trout, Inc.	Southern California Steelhead Poster	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JAN-03 - 11-MAR-03	Public Outreach and Education	\$0.00	\$902.00	California - South Coast

Project Description
Produce and circulate educational poster

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010516	CDFG	Mattole Salmon Group	Upper Mattole Classroom Incubator Program	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$4,239.00	\$0.00	Northern California Coastal

Project Description
Provide 3 classroom incubators with chiller units, associated setup and teacher training, in order to enhance existing environmental education programs and curricula.

Project Ref	Grantee	Subgrantee	Project Name	State	
P0010514	CDFG	Mattole Restoration Council	Watershed and Roads Assessment Technical Training	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 - 31-MAR-03	Public Outreach and Education	\$0.00	\$13,671.00	Northern California Coastal

Project Description
To organize and conduct a training program for twenty para-professionals. The training program will teach participants sound, practical, and cost-effective methods to identify, prioritize, and design mitigations for sediment delivery sites within a watershed context. The program will focus on the conditions in rural subdivisions.

Project Ref	Grantee	Subgrantee	Project Name	State	
730002	CDFG		Pacific Coast Salmon Recovery Fund Program Coordination and Admin	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-01 -	Program Administration	\$508,500.00	\$0.00	California - Statewide

Project Description

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
730002	CDFG		Pacific Coast Salmon Recovery Fund Program Coordination and Admin	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-00 -	Program Administration	\$452,592.00	\$0.00	California - Statewide

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
730001	CDFG		Pacific Coast Salmon Recovery Fund Program Coordination and Admin	CA	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-99 -	Program Administration	\$270,000.00	\$0.00	California - Statewide

Project Description

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45270	ADFG		[Klawock Lake Habitat Project Rollup]	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$345,500.00	\$0.00	Southern Southeast Alaska

Project Description
Encumbered, projects under development. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State	
TBD1	ADFG	Municipality of Anchorage	Chester Creek Salmon Restoration	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Habitat Protection and Restoration	\$2,000,000.00	\$0.00	Knik Arm

Project Description
TBD. Congressional Mandated project.

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Project Ref	Grantee	Subgrantee	Project Name	State
AK45271	ADFG	Craig Community Association, for Klawock	KLHP - Three Mile Basin Roads	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Habitat Protection and Restoration	\$154,500.00	\$0.00	Southern Southeast Alaska

Project Description
Erosion control and road closure at sites identified in the ADF and G road condition survey, to reduce fine sediment input to spawning and rearing habitat in Three-Mile Creek. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State
AK45259	ADFG	ADF&G Sport Fish Division	Restoration Projects-Demo	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-03 -	Salmon Habitat Protection and Restoration	\$154,400.00	\$0.00	Central Southeast Alaska

Project Description
Identify and plan several demonstration projects to showcase innovative fish habitat protection and restoration techniques not currently used in SE AK

Project Ref	Grantee	Subgrantee	Project Name	State
AK45402	ADFG	Yukon River Drainage Fisheries Association	YRDFa Planning Project	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Watershed and Sub-basin Planning and Assessment	\$50,353.00	\$0.00	Upper Yukon River

Project Description
Identify projects to sustain and/or restore salmon stocks and salmon fisheries in the Yukon River area. Planning efforts will be coordinated with other entities involved with salmon resource and social issues in the Yukon River drainage. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State
AK45265	ADFG	Alaska Department of Natural Resources, Di	ADNR Road Condition-Fish Passage	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$283,250.00	\$0.00	Central Southeast Alaska

Project Description
Collaborate with local, state, federal and tribal governments, landowners, and the timber industry to monitor and assess the condition of roads and stream crossings, including fish passage, and prioritize restoration efforts, on State, Mental Health Trust, University, municipal, and private lands.

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45221	ADFG	Bering Sea Fishermen's Association	AYK Salmon Research	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$307,648.00	\$0.00	Upper Kuskokwim River

Project Description
Facilitate the development and implementation of an AYK area research and restoration plan. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45213	ADFG	ADF&G Sport Fish Division	Increment to Instream Flow	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-06 -	Watershed and Sub-basin Planning and Assessment	\$183,958.00	\$0.00	Central Southeast Alaska

Project Description
Identify instream flow needs for salmon and make reservations

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45211	ADFG	ADF&G Sport Fish Division	Information System	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-DEC-02 -	Watershed and Sub-basin Planning and Assessment	\$250,084.00	\$0.00	Central Southeast Alaska

Project Description
Create a user-friendly database management system for habitat and permit data

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45210	ADFG	ADF&G Division of Commercial Fisheries	Invasive Species Project	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-03 -	Watershed and Sub-basin Planning and Assessment	\$265,385.00	\$0.00	Alaska - Statewide

Project Description
Funding for ADF and G implementation of the Alaska Aquatic Nuisance Species Management Plan to protect salmon from invasive species. Congressional Mandated project.

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45228	ADFG	ADF&G Division of Subsistence	Kuskokwim Salmon Subsistence Surveys	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$104,639.00	\$0.00	Upper Kuskokwim River

Project Description
Collect subsistence salmon harvest data for the 2003 fall survey period, covering all communities in the Kuskokwim area except Bethel. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45204	ADFG	Pacific States Marine Fisheries Commission	PSMFC - Atlantic Salmon and Invasives	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Watershed and Sub-basin Planning and Assessment	\$484,615.00	\$0.00	Alaska - Statewide

Project Description
Administrative costs of PSMFC Atlantic salmon and invasive species program. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45212	ADFG	ADF&G Sport Fish Division	Sentinel Transboundary	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-DEC-02 -	Watershed and Sub-basin Planning and Assessment	\$347,110.00	\$0.00	Southern Southeast Alaska

Project Description
Establish tools for sentinel habitat monitoring program for transboundary watersheds

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45217	ADFG	ADF&G Sport Fish Division	USGS Gaging	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Watershed and Sub-basin Planning and Assessment	\$454,539.00	\$0.00	Central Southeast Alaska

Project Description
Acquire hydrologic information integral to salmon research and management

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45327	ADFG	Alaska Department of Environmental Conser	ADEC Watershed Stewardship and Wetlands	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-DEC-02 -	Watershed and Sub-basin Planning and Assessment	\$329,703.00	\$0.00	Central Southeast Alaska

Project Description
ADEC technical assistance to the Community Watersheds Stewardship Program, including development of stormwater BMPs and a wetlands assessment tool

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45326	ADFG	ADF&G Division of Commercial Fisheries	Data Links - SE AK Limnology Database	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$249,775.00	\$0.00	Central Southeast Alaska

Project Description
Construct a limnology database system for 175 lakes in SE AK, and link to broader SE AK salmon database system

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45322	ADFG	ADF&G Sport Fish Division	Habitat Database Field Verification and Reporting	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Watershed and Sub-basin Planning and Assessment	\$164,800.00	\$0.00	Central Southeast Alaska

Project Description
Complete work on the SE AK salmon habitat database

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45107	ADFG	ADF&G Sport Fish Division	Instream Flow Reservations	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-02 -	Watershed and Sub-basin Planning and Assessment	\$599,975.00	\$0.00	Central Southeast Alaska

Project Description
Identify instream flow needs for salmon and make reservations

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45323	ADFG	ADF&G Sport Fish Division	Salmon Escapement Database Integration	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$305,395.00	\$0.00	Central Southeast Alaska

Project Description
 Improve salmon escapement data storage and retrieval system and link to broader SE AK salmon database system

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45110	ADFG	ADF&G Sport Fish Division	Salmon Habitat Surveys	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-SEP-02 -	Watershed and Sub-basin Planning and Assessment	\$988,129.00	\$0.00	Central Southeast Alaska

Project Description
 Survey and document salmon habitat on state, municipal, and private lands

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45103	ADFG	Southeast Conference	Southeast Community Watershed Stewardship Project	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-02 -	Watershed and Sub-basin Planning and Assessment	\$721,000.00	\$0.00	Central Southeast Alaska

Project Description
 Promote, initiate, and implement community watershed stewardship councils in SE AK

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45105	ADFG	ADF&G Sport Fish Division	Southeast Community Watershed Stewardship Project-ADF and G	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-02 -	Watershed and Sub-basin Planning and Assessment	\$492,340.00	\$0.00	Central Southeast Alaska

Project Description
 ADF and G technical assistance to the Community Watershed Stewardship Project

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45330	ADFG	ADF&G Sport Fish Division	Technical Assistance - Sport Fish	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-DEC-02 -	Watershed and Sub-basin Planning and Assessment	\$110,313.00	\$0.00	Central Southeast Alaska

Project Description
Technical expertise for review of proposed projects, coordination with other organizations, and assistance to the SSSF manager in project accounting and evaluation

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45015	ADFG	ADF&G Sport Fish Division	Annual Habitat Condition	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$938,021.00	\$0.00	Central Southeast Alaska

Project Description
Develop a database to be used to analyze the condition of salmon habitat and future risks to that habitat

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45057	ADFG	ADF&G and CRITFC, CRITFC	CRITFC Deschutes Salmon Count Strategy		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-02 - 01-AUG-02	Watershed and Sub-basin Planning and Assessment	\$52,479.00	\$0.00	Deschutes

Project Description
Research to measure the retention of coded-wire tags (CWT), part of a feasibility study of establishing a CWT program for Deschutes River fall Chinook

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45059	ADFG	ADF&G and CRITFC, CRITFC	CRITFC FERC Hanford Reach		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-02 -	Watershed and Sub-basin Planning and Assessment	\$581,950.00	\$0.00	Lower Columbia

Project Description
Map bathymetry of the Hanford reach, and design program to determine the number of outmigrating fall Chinook smolts stranded due to low water levels

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45060	ADFG	ADF&G and CRITFC, CRITFC	CRITFC Mid-Columbia Summer Chinook		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-03 -	Watershed and Sub-basin Planning and Assessment	\$686,351.00	\$0.00	Middle Columbia

Project Description
Collect accurate stock assessment data for Columbia River summer chinook

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45005	ADFG	ADF&G , CRITFC	CRITFC: Stock Assessment and Research Plan		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-01 - 01-OCT-02	Watershed and Sub-basin Planning and Assessment	\$51,500.00	\$0.00	Lower Columbia

Project Description
Catalog essential biological and environmental data pertinent to Mid-Columbia Chinook

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45030	ADFG	ADF&G and CRITFC, CRITFC	CRITFC: Stock Assessment and Research, Upper Columbia R. Chinoo		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-01 -	Watershed and Sub-basin Planning and Assessment	\$164,800.00	\$0.00	Upper Columbia

Project Description
Research and evaluate the contribution of the Priest Rapids Hatchery to supplement naturally spawning fall Chinook in the upper Columbia River

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45019	ADFG	ADF&G Habitat and Restoration Division	Enhanced Habitat Management	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 - 01-JUN-03	Watershed and Sub-basin Planning and Assessment	\$118,570.00	\$0.00	Central Southeast Alaska

Project Description
Review salmon habitat protection authorities to avoid, minimize or mitigate adverse impacts to salmon habitat

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45027	ADFG	ADF&G Division of Commercial Fisheries	Identification and Protection of Marine Habitat Zones	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-DEC-01 -	Watershed and Sub-basin Planning and Assessment	\$49,955.00	\$0.00	Central Southeast Alaska

Project Description
Develop a process for identifying and implementing protection zones and goals and uses for these zones

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45040	ADFG	ADF&G Sport Fish Division	Instream Flow and Other Salmon Habitat Needs	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 - 01-JUN-03	Watershed and Sub-basin Planning and Assessment	\$164,800.00	\$0.00	Alaska - Statewide

Project Description
Contribute to protection of instream flows for water bodies in SE AK to ensure fish productivity, habitat protection and instream flow needs.

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45006	ADFG	ADF&G Sport Fish Division	Invasive Species	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-01 -	Watershed and Sub-basin Planning and Assessment	\$70,347.00	\$0.00	Alaska - Statewide

Project Description
Develop and implement an Aquatic Nuisance Species Plan

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45016	ADFG	ADF&G Sport Fish Division	Nearshore Habitat Survey	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Watershed and Sub-basin Planning and Assessment	\$165,212.00	\$0.00	Central Southeast Alaska

Project Description
Collect data on the location, habitat type and condition of nearshore marine salmon habitat in SE AK

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45013	ADFG	ADF&G Habitat and Restoration Division	Prelim Habitat Assessment	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-00 - 01-DEC-02	Watershed and Sub-basin Planning and Assessment	\$202,704.00	\$0.00	Central Southeast Alaska

Project Description
Assess SE AK salmon habitat from upland areas to estuaries

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45017	ADFG	ADF&G Habitat and Restoration Division	Road Condition - Fish Passage	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 - 01-FEB-03	Watershed and Sub-basin Planning and Assessment	\$76,426.00	\$0.00	Central Southeast Alaska

Project Description
Assess the condition of roads and fish passage structures and identify where restoration of habitat and fish passage is needed

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45018	ADFG	ADF&G Sport Fish Division	Salmon Habitat Surveys in Streams and Lakes	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Watershed and Sub-basin Planning and Assessment	\$301,996.00	\$0.00	Central Southeast Alaska

Project Description
Conduct salmon habitat and distribution surveys to document salmon streams in SE AK

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45002	ADFG	ADF&G Habitat and Restoration Division	Transboundary River Tulsequah		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-SEP-00 - 02-JAN-02	Watershed and Sub-basin Planning and Assessment	\$96,000.00	\$0.00	Northern Southeast Alaska

Project Description
Identify and protect salmon spawning and rearing habitat

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Project Ref	Grantee	Subgrantee	Project Name	State
AK45004	ADFG	ADF&G Sport Fish Division	Transboundary Watershed	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 -	Watershed and Sub-basin Planning and Assessment	\$372,036.00	\$0.00	Southern Southeast Alaska

Project Description
Develop a detailed base-map of Southeast Alaska/Canadian transboundary rivers

Project Ref	Grantee	Subgrantee	Project Name	State
AK45003	ADFG	Alaska Division of Governmental Coordinatio	Tulsequah Chief Review	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 01-DEC-03	Watershed and Sub-basin Planning and Assessment	\$34,218.00	\$0.00	Northern Southeast Alaska

Project Description
Participate in proposed British Columbia mine project review

Project Ref	Grantee	Subgrantee	Project Name	State
AK45417	ADFG	ADF&G Sport Fish Division	Anchorage Hatchery Upgrades	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Enhancement	\$1,000,000.00	\$0.00	Knik Arm

Project Description
Mitigate for the immediate loss of heat at the Fort Richardson Sport Fish Hatchery through the design and installation of a supplemental heating system (boilers) capable of supplying the heat needed to achieve current production objectives. In addition, a qualified engineering firm will be engaged to conduct a full study of the Fort Richardson/Elmendorf Sport Fish Hatchery program as well as a possible new Fairbanks hatchery, and to develop facility design options focused on insuring the long-term viability of the sport fish hatchery program. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State
AK45209	ADFG	City of Craig	Craig AK King Salmon Project	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-02 -	Salmon Enhancement	\$31,110.00	\$0.00	Southern Southeast Alaska

Project Description
Explore the feasibility of establishing a chinook salmon run near Craig and support the work needed to obtain permits. Congressionally Mandated project,

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45201	ADFG	Southern Southeast Regional Aquaculture A	Crystal Lake - Year 3	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 - 01-JUN-03	Salmon Enhancement	\$198,481.00	\$0.00	Central Southeast Alaska

Project Description
Provide salmon for the common property resource in Southeast Alaska

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45262	ADFG	ADF&G Division of Commercial Fisheries	DIPAC Chum Salmon Rearing Strategies	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-04 -	Salmon Enhancement	\$199,820.00	\$0.00	Northern Southeast Alaska

Project Description
Learn more about the early life history of DIPAC chum fry immediately after release and determine if a modified rearing strategy could improve the marine survival of these fish. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45267	ADFG	Alaska Department of Community and Econo	Fisheries Economic Development Matching Grant Program for 2003	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Enhancement	\$5,400,000.00	\$0.00	Alaska - Statewide

Project Description
Fund projects that will improve the infrastructure of the salmon fishery

Project Ref	Grantee	Subgrantee	Project Name	State	
AKTBD6	ADFG	Alaska Department of Community and Econo	Marketing matching grant program and Alaska wild salmon national ma	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Enhancement	\$2,586,904.00	\$0.00	Alaska - Statewide

Project Description
Marketing matching grant program and Alaska wild salmon national marketing campaign

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45202	ADFG	Prince of Wales Hatchery Assoc. (POWHA)	POWHA Coho - Years 2 and 3	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Enhancement	\$144,200.00	\$0.00	Central Southeast Alaska

Project Description
Increase coho production to permitted levels

Project Ref	Grantee	Subgrantee	Project Name	State	
AKTBD4	ADFG	Alaska Department of Community and Econo	Salmon fishery small business assistance program	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Enhancement	\$200,000.00	\$0.00	Alaska - Statewide

Project Description
Salmon fishery small business assistance program

Project Ref	Grantee	Subgrantee	Project Name	State	
AKTBD3	ADFG	Alaska Department of Community and Econo	Salmon quality and transportation program	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Enhancement	\$1,200,000.00	\$0.00	Alaska - Statewide

Project Description
Salmon quality and transportation program

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45264	ADFG	SSRAA	SSRAA Increased Summer Chum	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Enhancement	\$600,180.00	\$0.00	Southern Southeast Alaska

Project Description
Provide additional hatchery chum production, worth approximately \$1.3million in annual harvest value. Congressional Mandated project.

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45338	ADFG	Alaska Department of Revenue	Alaska Salmon Price Report	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Salmon Enhancement	\$51,500.00	\$0.00	Alaska - Statewide

Project Description
FY 2004 production of the Alaska Salmon Price Report

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45324	ADFG	Southern Southeast Regional Aquaculture A	Coho Pre-Smolt Enhancement Research	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-02 -	Salmon Enhancement	\$154,500.00	\$0.00	Central Southeast Alaska

Project Description
Research lakes in central and southern SE for potential coho pre-smolt release sites

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45320	ADFG	Douglas Island Pink and Chum Hatchery (DIP)	Crescent Lake Sockeye Escapement Estimation	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 - 01-DEC-03	Salmon Enhancement	\$136,372.00	\$0.00	Central Southeast Alaska

Project Description
Escapement estimates will assist ADF and G with managing this wild/enhanced mixed fishery to ensure sustainable production of wild sockeye salmon from Crescent and Speel Lakes

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45104	ADFG	Southern Southeast Regional Aquaculture A	Crystal Lake Hatchery Chinook Production	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Salmon Enhancement	\$350,000.00	\$0.00	Central Southeast Alaska

Project Description
Provide salmon for the common property resource in Southeast Alaska. Congressional Mandated project.

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45321	ADFG	Douglas Island Pink and Chum Hatchery (DIP)	Gastineau Channel/Sheep Creek Net Pen Complex	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 - 01-MAR-03	Salmon Enhancement	\$280,160.00	\$0.00	Northern Southeast Alaska

Project Description
 The construction of additional net pens will reduce the densities of fry to acceptable levels, increasing fitness and marine survival of enhanced salmon fry

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45310	ADFG	Northern Southeast Regional Aquaculture A	Hidden Falls Chum Expansion	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Enhancement	\$590,113.00	\$0.00	Central Southeast Alaska

Project Description
 Infrastructure improvements to increase chum salmon production and provide for otolith marking capability

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45311	ADFG	Northern Southeast Regional Aquaculture A	Hidden Falls Coho Expansion	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Enhancement	\$1,024,850.00	\$0.00	Central Southeast Alaska

Project Description
 Increase economic opportunity for southeast Alaska fisheries

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45111	ADFG	McDowell Group	Infrastructure Assessment RFP	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JAN-03 - 01-SEP-03	Salmon Enhancement	\$96,145.00	\$0.00	Central Southeast Alaska

Project Description
 Conduct interviews/surveys to determine infrastructure needs and recommend criteria for selecting project areas and projects

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45108	ADFG	Alaska Department of Environmental Conser	Ketchikan and SE AK Salmon Wastes and Utilization Studies	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Enhancement	\$500,000.00	\$0.00	Central Southeast Alaska

Project Description
Provide information for value-added salmon waste products and the reduction of environmental impacts by finding alternative uses

Project Ref	Grantee	Subgrantee	Project Name	State	
AKTBD5	ADFG	Alaska Department of Community and Econo	Marketing matching grant program and Alaska wild salmon national ma	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Enhancement	\$5,158,476.00	\$0.00	Alaska - Statewide

Project Description
Marketing matching grant program and Alaska wild salmon national marketing campaign

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45312	ADFG	Northern Southeast Regional Aquaculture A	Medvejie Chum Salmon Expansion	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Enhancement	\$1,077,380.00	\$0.00	Central Southeast Alaska

Project Description
Infrastructure improvements to increase chum salmon production and provide for otolith marking capability

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45101	ADFG	Metlakatla Indian Community	Metlakatla Tamgass Hatchery	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-01 - 01-SEP-03	Salmon Enhancement	\$1,000,000.00	\$0.00	Southern Southeast Alaska

Project Description
Provide salmon for the common property resource in Southeast Alaska. Congressional Mandated project.

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45337	ADFG	Scientific Certification Systems	MSC 2003 Surveillance Audit	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-03 -	Salmon Enhancement	\$27,500.00	\$0.00	Alaska - Statewide

Project Description

Annual surveillance of MSC certification of Alaska salmon fisheries as sustainable under MSC criteria.

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45313	ADFG	Northern Southeast Regional Aquaculture A	Petersburg Area Chum Salmon Fry Rearing Investigations	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Enhancement	\$25,016.00	\$0.00	Central Southeast Alaska

Project Description

Project will conduct site investigations, identify brood stocks, and ascertain water quality

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45308	ADFG	ADF&G Division of Commercial Fisheries	Phase III Southeast Regional Comprehensive Salmon Plan	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Enhancement	\$257,500.00	\$0.00	Central Southeast Alaska

Project Description

This project will provide continued protection of wild salmon while setting goals and objectives for enhanced production in the southeast region

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45114	ADFG	Armstrong Keta, Inc.	Port Armstrong Chum	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-03 -	Salmon Enhancement	\$1,500,000.00	\$0.00	Central Southeast Alaska

Project Description

Produce a new increment of summer Chum salmon at the Port Armstrong hatchery at the permitted capacity of 30 million eggs annually, through upgrades to the existing facilities

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45325	ADFG	Armstrong Keta, Inc.	Port Armstrong Coho Expansion	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-OCT-02 -	Salmon Enhancement	\$653,535.00	\$0.00	Central Southeast Alaska

Project Description
Increase coho production for SE AK fisheries

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45333	ADFG	ADF&G Division of Commercial Fisheries	Sheldon Jackson Water Quality	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-03 - 01-AUG-04	Salmon Enhancement	\$124,733.00	\$0.00	Central Southeast Alaska

Project Description
Improve the quality of the water coming into Sheldon Jackson hatchery, which will increase survival of salmon smolts

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45047	ADFG	City of Angoon	Angoon Fish Buying Station	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 -	Salmon Enhancement	\$76,951.30	\$0.00	Central Southeast Alaska

Project Description
Infrastructure improvements designed to improve handling of the harvest, and attract fishermen to the Angoon area

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45061	ADFG	ADF&G, CRITFC	CRITFC Columbia Hatchery Assessment		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAR-03 -	Salmon Enhancement	\$14,420.00	\$0.00	Lower Columbia

Project Description
Identify improved chinook hatchery strategies for the Columbia River.

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Project Ref	Grantee	Subgrantee	Project Name	State
AK45010	ADFG	ADF&G Sport Fish Division	Crystal Lake	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 - 02-JUN-02	Salmon Enhancement	\$396,962.00	\$0.00	Central Southeast Alaska

Project Description
 Increase chinook salmon production for SE AK fisheries

Project Ref	Grantee	Subgrantee	Project Name	State
AK45008	ADFG	ADF&G Division of Commercial Fisheries	Increased Remote Release of Chum Salmon, Neets and Anita Bays	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-OCT-01 - 01-DEC-03	Salmon Enhancement	\$2,796,450.00	\$0.00	Central Southeast Alaska

Project Description
 Increase chum salmon production for Southeast AK Fisheries

Project Ref	Grantee	Subgrantee	Project Name	State
AK45037	ADFG	Scientific Certification Systems	Marine Stewardship Council Certification of Sustainable Salmon	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-02 - 01-SEP-02	Salmon Enhancement	\$16,367.00	\$0.00	Alaska - Statewide

Project Description
 Seek certification of AK salmon management systems as sustainable under MSC criteria

Project Ref	Grantee	Subgrantee	Project Name	State
AK45051	ADFG	Prince of Wales Hatchery Assoc. (POWHA)	POWHA Coho Enhancement	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 - 01-JUN-05	Salmon Enhancement	\$482,676.00	\$0.00	Central Southeast Alaska

Project Description
 Infrastructure improvements to increase coho salmon production to permitted level

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45049	ADFG	Prince of Wales Hatchery Assoc. (POWHA)	POWHA Sockeye Enhancement	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUN-01 -	Salmon Enhancement	\$206,000.00	\$0.00	Central Southeast Alaska

Project Description
Increase sockeye production within permitted levels at the Klawock Hatchery as part of a multi-phase approach to restoring fish returns

Project Ref	Grantee	Subgrantee	Project Name	State	
AKTBD2	ADFG	Alaska Department of Community and Econo	Salmon fishing industry business plan	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	-	Salmon Enhancement	\$192,111.00	\$0.00	Alaska - Statewide

Project Description
Salmon fishing industry business plan

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45009	ADFG	ADF&G Commissioner's Office	Salmon Fresh Express	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-NOV-01 - 02-JAN-02	Salmon Enhancement	\$12,360.00	\$0.00	Central Southeast Alaska

Project Description
Examine the feasibility of utilizing the AK Marine Highway system to transport salmon products

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45026	ADFG	Alaska Troll Salmon Processors Association	Troll Salmon Marketing	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-DEC-01 -	Salmon Enhancement	\$998,585.00	\$0.00	Central Southeast Alaska

Project Description
Develop and implement a marketing plan to enhance the value of SE AK troll salmon products

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Project Ref	Grantee	Subgrantee	Project Name	State
AK45053	ADFG	ADF&G Division of Commercial Fisheries, Ca	Tuya Lake Sockeye Access	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Salmon Enhancement	\$31,300.00	\$0.00	Central Southeast Alaska

Project Description
Examine the feasibility of removing the natural migration barriers located on the Tuya River

Project Ref	Grantee	Subgrantee	Project Name	State
AK45401	ADFG	Yukon River Drainage Fisheries Association	[Yukon River Drainage Fishermen's Association (YRDFA) Roll-Up]	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-SEP-03 -	Salmon Research, Monitoring, and Evaluation	\$449,647.00	\$0.00	Upper Yukon River

Project Description
[Project numbers 45402-45416 reserved for YRDFA projects]. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State
AK2003 - TBD1	ADFG	ADF&G Division of Commercial Fisheries	District 101 Sockeye Stock ID	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-04 -	Salmon Research, Monitoring, and Evaluation	\$110,000.00	\$0.00	Southern Southeast Alaska

Project Description
Estimate the contribution, and time and area distribution, of Hugh Smith Lake sockeye salmon to the District 101 gillnet and seine fisheries in Revillagigedo Channel, through sampling sockeye salmon otoliths at cold storage facilities in Ketchikan or on the fishing grounds.

Project Ref	Grantee	Subgrantee	Project Name	State
AK2003-TBD2	ADFG	ADF&G Division of Commercial Fisheries	Northern Boundary Sockeye Stock ID	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JAN-04 -	Salmon Research, Monitoring, and Evaluation	\$275,000.00	\$0.00	Southern Southeast Alaska

Project Description
Develop DNA baselines for sockeye salmon populations from SE Alaska and Canada that contribute to the Northern Boundary fisheries. Contributing populations will be identified and sampled for fin tissue. Tissues will be assayed for DNA markers. Population structure and reporting groups will be identified for these collections. Ability of these reporting groups to discriminate between Alaska and Canadian sockeye salmon stocks will be tested for potential application to mix-fishery analysis.

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Project Ref	Grantee	Subgrantee	Project Name	State
AK45418	ADFG	ADF&G Sport Fish Division	Stikine Chinook Mark-Recapture Rock Island	

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2003	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$123,600.00	\$0.00	Central Southeast Alaska

Project Description
 Returning Stikine River chinook salmon will be captured in set gillnets, measured, sampled for scales, tagged, inspected for adipose fin clips, and released. Tagged fish will be recaptured in the Canadian test fishery. Mark-recapture data will be used to estimate in-season abundance.

Project Ref	Grantee	Subgrantee	Project Name	State
AK45220	ADFG		[AYK Rollup]	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Salmon Research, Monitoring, and Evaluation	\$3,473,053.00	\$0.00	Upper Kuskokwim River

Project Description
 Encumbered, projects under development. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State
AK45255	ADFG	Alaska Department of Environmental Conser	ADEC Fish Safety Monitoring	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-AUG-03 -	Salmon Research, Monitoring, and Evaluation	\$309,000.00	\$0.00	Alaska - Statewide

Project Description
 Monitor salmon for heavy metals and other persistent bioaccumulative toxins

Project Ref	Grantee	Subgrantee	Project Name	State
AK2002 SF	ADFG	ADFG	ADFG FY2002 In-kind contribution	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	-	Salmon Research, Monitoring, and Evaluation	\$0.00	\$1,720,284.00	Alaska - Statewide

Project Description
 In-kind state contribution efforts that complement the PCSRF program

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Project Ref	Grantee	Subgrantee	Project Name	State
AK45258	ADFG	ADF&G Sport Fish Division	Alternative Methods Esc Goals	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$108,000.00	\$0.00	Central Southeast Alaska

Project Description
 Develop an escapement goal for the Unuk River chinook salmon stock using traditional spawner-recruit methods and compare to rearing and spawner capacity measurements and habitat-based approaches

Project Ref	Grantee	Subgrantee	Project Name	State
AK45203	ADFG	ADF&G Division of Commercial Fisheries	AYK Chinook Parasite Effects	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$500,000.00	\$0.00	Upper Kuskokwim River

Project Description
 Study the effects of Ichthyophonus on survival and reproductive success of chinook salmon in the Arctic/Yukon/Kuskokwim area. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State
AK45222	ADFG	National Academy of Sciences	AYK NAS Analysis and Review	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAR-03 -	Salmon Research, Monitoring, and Evaluation	\$565,002.00	\$0.00	Upper Kuskokwim River

Project Description
 The National Academy of Sciences will assist the AYK Sustainable Salmon Initiative in developing a high-quality, long-term restoration and research plan for the AYK region. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State
AK45226	ADFG	Ocean Imaging Corporation	AYK Satellite-derived Environmental Database	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Research, Monitoring, and Evaluation	\$78,582.00	\$0.00	Upper Kuskokwim River

Project Description
 Produce an oceanographic data base of the Eastern Bering Sea spanning the years 1987-present. Congressional Mandated project.

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45216	ADFG	ADF&G Division of Commercial Fisheries	Chilkat Chum Escapement	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-04 -	Salmon Research, Monitoring, and Evaluation	\$124,600.00	\$0.00	Northern Southeast Alaska

Project Description
Estimate age, length, and sex compositions and escapement of chum salmon to the Chilkat and Klehini Rivers

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45244	ADFG	ADF&G Sport Fish Division	Chilkat Coho Radio Tele Esc	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$70,172.00	\$0.00	Northern Southeast Alaska

Project Description
Provide specific details on the handling effects and spawning distribution using a radio study, to provide better escapement estimates

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45249	ADFG	ADF&G Sport Fish Division	Chilkat Jet Boat Study	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$41,200.00	\$0.00	Northern Southeast Alaska

Project Description
Quantify flow and turbidity distributions near the river banks in the absence and presence of boating activity, and conduct lab study of response of hatchling fish to flow and turbidity

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45246	ADFG	ADF&G Sport Fish Division	Chilkat Sockeye Tagging	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-03 -	Salmon Research, Monitoring, and Evaluation	\$231,750.00	\$0.00	Northern Southeast Alaska

Project Description
Determine the location of mainstem spawners, accuracy of Chilkat Lake weir counts, and the rate of tagging mortality

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45245	ADFG	ADF&G Division of Commercial Fisheries	Chinook Encounters-Mortality	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$210,000.00	\$0.00	Southern Southeast Alaska

Project Description
 Estimate chinook encounters and associated incidental mortality in the winter and spring troll fishery and SE AK net fisheries

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45254	ADFG	ADF&G Division of Commercial Fisheries	Chinook Sport and Net Fisheries	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$330,000.00	\$0.00	Central Southeast Alaska

Project Description
 Improve estimates of stock composition of all chinook salmon fisheries in SE AK including sport and net, sublegal in the winter, and spring troll fisheries

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45248	ADFG	ADF&G Division of Commercial Fisheries	Evaluate Mass Mark Technology	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-03 -	Salmon Research, Monitoring, and Evaluation	\$80,000.00	\$0.00	Central Southeast Alaska

Project Description
 Evaluate the feasibility of marking salmon with strontium and calcein and recovering those marks with an electron microscope

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45242	ADFG	University of Alaska	Fringe Habitat	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-03 -	Salmon Research, Monitoring, and Evaluation	\$103,000.00	\$0.00	Central Southeast Alaska

Project Description
 Characterize seasonal salmonid densities in high-gradient headwater streams related to habitat parameters and define the terminal limit of salmonid presence based on geomorphic factors

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45218	ADFG	ADF&G Division of Commercial Fisheries	Hugh Smith Sockeye Research	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$109,900.00	\$0.00	Southern Southeast Alaska

Project Description
Provide estimates of wild and hatchery-origin sockeye juvenile abundance, survival, and size

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45256	ADFG	ADF&G Sport Fish Division	Jordan Creek Coho Monitoring	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$174,954.00	\$0.00	Northern Southeast Alaska

Project Description
Obtain precise estimates of total coho production, exploitation, and survival from a small stock in northern inside SE AK

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45247	ADFG	ADF&G Division of Commercial Fisheries	Kake Lakes Project	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$138,000.00	\$0.00	Central Southeast Alaska

Project Description
Estimate sockeye salmon escapement, estimate fry population, describe age and composition of adult and fry, and evaluate lake productivity

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45251	ADFG	ADF&G Division of Commercial Fisheries	Klag Lake Subsistence Sockeye	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$83,200.00	\$0.00	Central Southeast Alaska

Project Description
Estimate sockeye salmon escapement and fry density, describe age, length, weight, and composition, and evaluate lake productivity

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45223	ADFG	ADF&G Division of Commercial Fisheries	Kuskokwim Salmon Population Estimates	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$204,164.00	\$0.00	Upper Kuskokwim River

Project Description
 Estimate total abundance of chum, sockeye, and coho salmon in the Kuskokwim River, upstream from Kalskag. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45260	ADFG	ADF&G Sport Fish Division	Monitoring Coho Salmon Smolt Yield	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$293,550.00	\$0.00	Central Southeast Alaska

Project Description
 Evaluate the use of smolt yield as a tool for measuring the relationship of habitat condition to coho salmon production

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45214	ADFG	ADF&G Division of Commercial Fisheries	Pink and Chum Aerial Surveys	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$84,800.00	\$0.00	Central Southeast Alaska

Project Description
 Increase aerial surveys to monitor pink and chum salmon escapements in SE AK

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45263	ADFG	ADF&G Division of Commercial Fisheries	Predation on Wild and Hatchery Chum Fry	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-MAY-03 -	Salmon Research, Monitoring, and Evaluation	\$34,505.00	\$0.00	Central Southeast Alaska

Project Description
 Examine the spatial and temporal incidence of piscine predation on chum salmon fry during their initial marine residency periods in nearshore and offshore habitats of Taku Inlet and adjacent waters, to allow comparisons of the relative abundance of the two stock types in the areas sampled.

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45219	ADFG	ADF&G Division of Commercial Fisheries	SE Chinook Port Sampling	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$190,800.00	\$0.00	Central Southeast Alaska

Project Description
 Sample spring troll fisheries for coded wire tags in the 2004-2006 fishing seasons to document the Alaskan hatchery catch

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45257	ADFG	ADF&G Sport Fish Division	Slippery Creek Coho	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$204,000.00	\$0.00	Central Southeast Alaska

Project Description
 Obtain precise estimates of total coho production, exploitation, and survival from a small stock in central inside SE AK

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45250	ADFG	ADF&G Division of Subsistence	Southeast Salmon Local Knowledge	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$98,917.00	\$0.00	Central Southeast Alaska

Project Description
 Convert subsistence salmon data into an easily-usable, computer-based format, identify information gaps, and conduct training sessions on retrieving and using the data

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45243	ADFG	ADF&G Division of Commercial Fisheries	Stikine River Coho M-R	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$206,700.00	\$0.00	Central Southeast Alaska

Project Description
 Provide annual estimates of escapement by age and sex

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45241	ADFG	ADF&G Division of Commercial Fisheries	Taku River Chum Telemetry	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$114,000.00	\$0.00	Northern Southeast Alaska

Project Description
Provide detailed information on the spawning distribution of chum salmon in the Taku River

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45227	ADFG	Dr. Daniel Goodman	Uncertainty Analysis for Chum BEGs	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Salmon Research, Monitoring, and Evaluation	\$36,050.00	\$0.00	Upper Kuskokwim River

Project Description
Subject the statistical analysis used for arriving at BEGs to a formal uncertainty analysis, to quantify the magnitude and explore possible consequences of any error. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45268	ADFG	University of Alaska Fairbanks	Wild / Hatchery Interactions Taku and Stephens Passage	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-NOV-03 -	Salmon Research, Monitoring, and Evaluation	\$336,000.00	\$0.00	Central Southeast Alaska

Project Description
Explore the relationship between wild Taku Chum stocks and hatchery Chum production from DIPAC facilities in the Juneau area in an effort to determine whether there are effects on the wild stock.

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45215	ADFG	ADF&G Division of Commercial Fisheries	Yakutat Forelands Sockeye and Coho	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-03 -	Salmon Research, Monitoring, and Evaluation	\$399,000.00	\$0.00	Gulf of Alaska

Project Description
Improve escapement estimation for Yakutat area sockeye and coho salmon systems

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Project Ref	Grantee	Subgrantee	Project Name	State
AK45225	ADFG	ADF&G Division of Commercial Fisheries	Y-K and Kotzebue Data	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$15,450.00	\$0.00	Upper Kuskokwim River

Project Description
Aggregate, error-check, and correct historical ASL data in the AYK region, and standardize data formats for inclusion into a centralized database . Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State
AK45224	ADFG	ADF&G Division of Commercial Fisheries	Yukon Chinook Telemetry and M-R	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-APR-03 -	Salmon Research, Monitoring, and Evaluation	\$215,412.00	\$0.00	Tanana River

Project Description
Use radio telemetry techniques and a mark-recapture model to estimate total abundance, stock composition, run timing, migration characteristics, and spawning abundance of Chinook Salmon in the Yukon River. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State
AK2001 SF	ADFG	ADFG	ADFG FY2001 In-kind contribution	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	-	Salmon Research, Monitoring, and Evaluation	\$0.00	\$1,125,000.00	Alaska - Statewide

Project Description
In-kind state contribution efforts that complement the PCSRF program

Project Ref	Grantee	Subgrantee	Project Name	State
AK45317	ADFG	ADF&G Sport Fish Division	Alesek River Chinook Salmon Escapement	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$112,270.00	\$0.00	Gulf of Alaska

Project Description
Provide annual estimates of chinook salmon escapement by age and sex to refine escapement goals and forecast runs

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45319	ADFG	ADF&G Sport Fish Division	Chickamin River Chinook and Coho Salmon CWT	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$172,010.00	\$0.00	Southern Southeast Alaska

Project Description
Develop precise estimates of salmon production, exploitation, and survival

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45309	ADFG	ADF&G Division of Commercial Fisheries	Chilkat River Chum Salmon Escapement	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$115,523.00	\$0.00	Northern Southeast Alaska

Project Description
This project will allow the Department to estimate escapement of chum salmon to the Chilkat River

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45315	ADFG	ADF&G Sport Fish Division	Chilkat River Coho Salmon Coded-Wire Tagging	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$123,600.00	\$0.00	Northern Southeast Alaska

Project Description
Coded-wire tagging of coho salmon smolt will provide the baseline information to produce sustainable long-term fishing opportunities

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45314	ADFG	ADF&G Sport Fish Division	Chilkat River Coho Salmon Escapement M-R	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$93,652.00	\$0.00	Northern Southeast Alaska

Project Description
Provide annual estimates of coho salmon escapement by age and sex to refine escapement goals and forecast runs

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State
AK45302	ADFG	ADF&G Division of Commercial Fisheries	Coded-Wire Technician for CWT Lab	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$82,400.00	\$0.00	Central Southeast Alaska

Project Description
Provide for timely processing of Coded-Wire Tags utilized in other SSSF projects

Project Ref	Grantee	Subgrantee	Project Name	State
AK45113	ADFG	ADF&G Division of Commercial Fisheries	District 111 Sockeye Stock ID	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$62,961.00	\$0.00	Central Southeast Alaska

Project Description
Provide annual estimates of marine harvest of Taku River sockeye salmon stocks

Project Ref	Grantee	Subgrantee	Project Name	State
AK45335	ADFG	ADF&G Division of Commercial Fisheries	Genetic Stock ID Chinook	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$246,170.00	\$0.00	Central Southeast Alaska

Project Description
Provide improved estimates of stock composition of chinook salmon troll fisheries in SE AK

Project Ref	Grantee	Subgrantee	Project Name	State
AK45305	ADFG	ADF&G Division of Commercial Fisheries	Klawock Subsistence Sockeye Salmon Project	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-02 -	Salmon Research, Monitoring, and Evaluation	\$100,000.00	\$0.00	Southern Southeast Alaska

Project Description
Identify mechanisms that may positively or adversely affect the production of sockeye and coho salmon in Klawock Lake

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45334	ADFG	ADF&G Division of Commercial Fisheries	Northern Boundary Sockeye Stock ID	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-03 -	Salmon Research, Monitoring, and Evaluation	\$315,180.00	\$0.00	Southern Southeast Alaska

Project Description
Estimate magnitude of boundary area sockeye runs to improve accuracy of and document compliance with District 101 gillnet and 104 purse seine fishery allocations

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45303	ADFG	ADF&G Division of Commercial Fisheries	Spawning Abundance of Alsek River Sockeye	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-APR-02 -	Salmon Research, Monitoring, and Evaluation	\$63,860.00	\$0.00	Gulf of Alaska

Project Description
Estimate spawning distribution of Alsek River sockeye salmon

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45109	ADFG	ADF&G Sport Fish Division	Stikine River Chinook Salmon CWT Project	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$125,660.00	\$0.00	Central Southeast Alaska

Project Description
Provide precise estimates of total chinook salmon production, exploitation, and survival

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45331	ADFG	ADF&G Division of Commercial Fisheries	Stikine River Sockeye M-R	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-04 -	Salmon Research, Monitoring, and Evaluation	\$108,150.00	\$0.00	Central Southeast Alaska

Project Description
Provide in-season run size estimates for sockeye salmon in the Stikine River

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45304	ADFG	ADF&G Division of Subsistence	Subsistence Salmon Harvest Assessment and Descriptive Analysis	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAR-02 -	Salmon Research, Monitoring, and Evaluation	\$93,987.00	\$0.00	Alaska - Statewide

Project Description
 An understanding of traditional and contemporary harvest patterns which will contribute to better salmon management practices

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45307	ADFG	ADF&G Division of Commercial Fisheries, Ca	Tuya Fish Passage and Harvest Structure		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-MAY-02 -	Salmon Research, Monitoring, and Evaluation	\$92,064.00	\$0.00	Central Southeast Alaska

Project Description
 Construction of a fish ladder and flow diversion structure at Tuya River that provides a means to harvest enhanced adult sockeye salmon

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45306	ADFG	ADF&G Division of Commercial Fisheries, Ca	Tuya Lake Access Study		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUN-02 -	Salmon Research, Monitoring, and Evaluation	\$149,865.00	\$0.00	Central Southeast Alaska

Project Description
 Assess the ability of sockeye salmon to ascend the Tuya River above the natural migration barriers

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45329	ADFG	University of Alaska	UAF Wild-Hatchery Interaction	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-DEC-02 -	Salmon Research, Monitoring, and Evaluation	\$294,135.00	\$0.00	Central Southeast Alaska

Project Description
 Provide information on the interactions of hatchery and wild salmon in SE AK

Pacific Coastal Salmon Recovery Fund: Basic Project Inventory 2004

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45318	ADFG	ADF&G Sport Fish Division	Warm Chuck Coho	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 -	Salmon Research, Monitoring, and Evaluation	\$133,900.00	\$0.00	Southern Southeast Alaska

Project Description
 Precise estimates of total coho salmon production, exploitation, and survival will be obtained

Project Ref	Grantee	Subgrantee	Project Name	State	
AK 2000 SF	ADFG	ADFG	ADFG FY2000 In-kind contribution	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	-	Salmon Research, Monitoring, and Evaluation	\$0.00	\$3,500,000.00	Alaska - Statewide

Project Description
 In-kind state contribution efforts that complement the PCSRF program

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45014	ADFG	ADF&G Sport Fish Division	Alsek River Chinook Escapement	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$164,800.00	\$0.00	Gulf of Alaska

Project Description
 Estimate escapement of chinook salmon on the Alsek river using a mark-recapture experiment

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45043	ADFG	ADF&G Division of Commercial Fisheries	Alsek Sockeye	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 - 01-JUN-03	Salmon Research, Monitoring, and Evaluation	\$61,800.00	\$0.00	Gulf of Alaska

Project Description
 Improve estimates of sockeye salmon escapement in the Alsek River

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45022	ADFG	ADF&G Sport Fish Division	Chickamin Coho	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-00 -	Salmon Research, Monitoring, and Evaluation	\$154,500.00	\$0.00	Southern Southeast Alaska

Project Description
 Estimate magnitude of coho salmon production and integrate with habitat data

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45034	ADFG	ADF&G Habitat and Restoration Division	Chilkat River Boat Effect Study	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-02 - 01-DEC-02	Salmon Research, Monitoring, and Evaluation	\$20,600.00	\$0.00	Northern Southeast Alaska

Project Description
 Determine the effect of boat usage on the salmon habitat in the Chilkat River

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45041	ADFG	ADF&G Division of Commercial Fisheries	Chilkoot Lake Sockeye	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Salmon Research, Monitoring, and Evaluation	\$175,100.00	\$0.00	Northern Southeast Alaska

Project Description
 Determine productivity and carrying capacity for Chilkoot Lake Sockeye salmon

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45012	ADFG	ADF&G Commissioner's Office	Chinook Model	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-NOV-00 -	Salmon Research, Monitoring, and Evaluation	\$683,275.00	\$0.00	Southern Southeast Alaska

Project Description
 Improve the accuracy of the PSC Coastwide Chinook Model annual estimates

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45071	ADFG	ADF&G Sport Fish Division	Chinook Model - CTC Co-Chair	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-03 -	Salmon Research, Monitoring, and Evaluation	\$109,180.00	\$0.00	Southern Southeast Alaska

Project Description
 Participation in and leadership from this project will ensure sustained chinook salmon stocks and fisheries

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45070	ADFG	ADF&G Sport Fish Division	Chinook Model - Evaluation	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-SEP-02 -	Salmon Research, Monitoring, and Evaluation	\$207,545.00	\$0.00	Southern Southeast Alaska

Project Description
 Provide Sport Fish Division support to the evaluation and improvement of the chinook model

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45045	ADFG	ADF&G Division of Commercial Fisheries	Coho Salmon Aging Validation	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$51,500.00	\$0.00	Central Southeast Alaska

Project Description
 Develop aging criteria that can be used to accurately determine freshwater age

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45048	ADFG	Alaska Department of Environmental Conser	DEC Fish Tissue Sampling	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$247,863.00	\$0.00	Alaska - Statewide

Project Description
 Collect and test fish samples for the presence of pollutants

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45058	ADFG	ADF&G, CRITFC	Deschutes River Fall Chinook Feasibility		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-02 - 01-AUG-02	Salmon Research, Monitoring, and Evaluation	\$51,500.00	\$0.00	Deschutes

Project Description
Research to develop methods for capturing juvenile fall chinook salmon in the Deschutes River, part of the feasibility study for a CWT program

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45021	ADFG	ADF&G Sport Fish Division	Nakwasina Coho	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$103,000.00	\$0.00	Central Southeast Alaska

Project Description
Develop estimates of coho salmon escapement and assess habitat recovery from logging

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45028	ADFG	ADF&G Division of Commercial Fisheries	Northern Boundary Area Sockeye, Pre and In-Season Forecasting	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$82,400.00	\$0.00	Southern Southeast Alaska

Project Description
Forecast sockeye salmon returns in the Northern Boundary area to help achieve the goals of the PST

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45052	ADFG	ADF&G Division of Commercial Fisheries	Northern Boundary Sockeye ID	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$370,800.00	\$0.00	Southern Southeast Alaska

Project Description
Improve the understanding of migratory timing, routes, and mixing rates of Northern Boundary Area sockeye salmon

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45044	ADFG	ADF&G Division of Commercial Fisheries	SE AK Chinook Genetics	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Salmon Research, Monitoring, and Evaluation	\$267,800.00	\$0.00	Central Southeast Alaska

Project Description
Generate baseline information for implementing a genetic stock identification program for SE AK Chinook salmon

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45042	ADFG	ADF&G Division of Commercial Fisheries	Stikine Sockeye	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Salmon Research, Monitoring, and Evaluation	\$103,000.00	\$0.00	Central Southeast Alaska

Project Description
Estimate the abundance of sockeye salmon in the lower Stikine River

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45023	ADFG	ADF&G Sport Fish Division	Taku Coho	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Salmon Research, Monitoring, and Evaluation	\$139,050.00	\$0.00	Northern Southeast Alaska

Project Description
Improve the accuracy of escapement and abundance estimates of Taku River Coho

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45046	ADFG	ADF&G Division of Commercial Fisheries	Tatsamenie Sockeye		
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-MAY-01 -	Salmon Research, Monitoring, and Evaluation	\$144,200.00	\$0.00	Northern Southeast Alaska

Project Description
Determine and study factors influencing the survival of wild and enhanced sockeye fry in Tatsamenie Lake

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45024	ADFG	ADF&G Sport Fish Division	Unuk Coho	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-APR-01 -	Salmon Research, Monitoring, and Evaluation	\$227,630.00	\$0.00	Southern Southeast Alaska

Project Description
Develop precise estimates of coho salmon production and integrate with habitat data

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45025	ADFG	ADF&G Sport Fish Division	Warm Chuck Coho	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 01-JUN-03	Salmon Research, Monitoring, and Evaluation	\$154,500.00	\$0.00	Southern Southeast Alaska

Project Description
Sample coho salmon to estimate age, sex, and length and integrate with habitat data

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45266	ADFG	ADF&G Commissioner's Office	Fisheries Project and Issues Coordination	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUN-03 -	Public Outreach and Education	\$250,000.00	\$0.00	Alaska - Statewide

Project Description
Track and coordinate Pacific Northwest ESA salmon issues as they relate to Alaska, oversee Alaska's utilization of PCSRF (SSSF) funds, and provide fisheries issues assistance to the Commissioner. Congressional Mandated project.

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45206	ADFG	Alaska State Legislature	Legislative Salmon Task Force	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Public Outreach and Education	\$669,500.00	\$0.00	Alaska - Statewide

Project Description
Hold public meetings and report to the Legislature on industry and legislative changes needed to help ensure a successful salmon industry in Alaska

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45208	ADFG	ADF&G Division of Commercial Fisheries	Technical Assistance - Economics	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Public Outreach and Education	\$208,134.00	\$0.00	Alaska - Statewide

Project Description
Economic analysis and SSSF project management

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45207	ADFG	ADF&G Division of Commercial Fisheries	Technical Assistance - Planning	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-OCT-02 -	Public Outreach and Education	\$225,000.00	\$0.00	Alaska - Statewide

Project Description
Economic and scientific planning for the SSSF process

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45261	ADFG	ADF&G Division of Commercial Fisheries	Technical Assistance-Industry Plan	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JAN-03 -	Public Outreach and Education	\$69,366.00	\$0.00	Central Southeast Alaska

Project Description
Support to the SSSF program, to ensure that the SE AK salmon industry remains sustainable and that the highest priority issues and information needs are addressed

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45205	ADFG	United Fishermen of Alaska	UFA - Subsistence Education	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2002	01-JUL-02 -	Public Outreach and Education	\$250,000.00	\$0.00	Alaska - Statewide

Project Description
Funds subsistence management information program to educate the public about subsistence regulations and the regulatory process. Congressional Mandated project.

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Project Ref	Grantee	Subgrantee	Project Name	State
AK45115	ADFG	ADF&G Division of Commercial Fisheries	Salmon Education Needs Assessment	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-FEB-03 -	Public Outreach and Education	\$5,150.00	\$0.00	Central Southeast Alaska

Project Description
Inventory curricula about Alaska's wild salmon and salmon industry that are currently available in SE AK schools, conduct needs assessment for new materials, and identify training requirements

Project Ref	Grantee	Subgrantee	Project Name	State
AK45301	ADFG	ADF&G Commissioner's Office	Technical Assistance to SSSF	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2001	01-JUL-02 - 01-JUN-04	Public Outreach and Education	\$17,453.00	\$0.00	Central Southeast Alaska

Project Description
Assist the Science Coordination Panel in developing and implementing the annual sustainable salmon plans and ensuring coordination among salmon projects; coordinate with other salmon funds (e.g. EVOS, NPRB, Northern Fund); assist with reports and information requests for the program.

Project Ref	Grantee	Subgrantee	Project Name	State
AK45054	ADFG	University of Alaska, Ketchikan	Assoc. Applied Science in Fisheries Technology UAS	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-AUG-01 -	Public Outreach and Education	\$140,490.00	\$0.00	Central Southeast Alaska

Project Description
Establish an education program to develop well-rounded fisheries technicians with a broad background in the practical and academic skills of fish and invertebrate culture

Project Ref	Grantee	Subgrantee	Project Name	State
AK45039	ADFG	Ketchikan Indian Corporation	Deer Mountain Tribal Hatchery Educational Raceway	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JAN-02 -	Public Outreach and Education	\$46,350.00	\$0.00	Central Southeast Alaska

Project Description
Design and installation of an educational raceway at the tribal hatchery, which will serve to educate the public about salmon and their habitat needs.

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Project Ref	Grantee	Subgrantee	Project Name	State
AK45033	ADFG	City of Sitka	Fisheries Education Signage Sitka Harbor	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-02 - 01-JUN-05	Public Outreach and Education	\$8,240.00	\$0.00	Central Southeast Alaska

Project Description
Install informative signs in visitor traffic areas of the Sitka harbors

Project Ref	Grantee	Subgrantee	Project Name	State
AK45035	ADFG	City of Angoon	Information Development and Exchanges	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-02 -	Public Outreach and Education	\$145,487.50	\$0.00	Central Southeast Alaska

Project Description
Develop information exchanges among CRITFC, the State of Alaska, and Alaska Native organizations to help build ties

Project Ref	Grantee	Subgrantee	Project Name	State
AK45007	ADFG	Alaska Governor's Office	Instream Flow and Other Salmon Habitat Needs (was \$210,000)	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-NOV-01 - 01-JAN-03	Public Outreach and Education	\$73,363.00	\$0.00	Central Southeast Alaska

Project Description
Facilitate interdepartmental coordination to meet habitat needs of salmon stocks

Project Ref	Grantee	Subgrantee	Project Name	State
AK45031	ADFG	Exxon Valdez Oil Spill Trustees Council (EV	Oceans and Watersheds Symposium EVOS	AK

Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-DEC-01 - 01-DEC-02	Public Outreach and Education	\$51,500.00	\$0.00	Alaska - Statewide

Project Description
Bring together scientists and interested Alaskans to further our understanding of the oceans and watersheds that support salmon

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Project Ref	Grantee	Subgrantee	Project Name	State	
AK45029	ADFG	ADF&G Commissioner's Office	Salmon Publication and Teacher's Guide	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 -	Public Outreach and Education	\$185,400.00	\$0.00	Alaska - Statewide

Project Description
Update the Alaska Salmon publication with information on the interaction of salmon and their habitats and how Alaska has worked to maintain healthy salmon stocks

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45032	ADFG	Sheldon Jackson College	Sheldon Jackson Wetlab	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-FEB-02 - 01-JUN-05	Public Outreach and Education	\$20,898.00	\$0.00	Central Southeast Alaska

Project Description
Educate both students and visitors about Pacific salmon, their habitats, and their sustainability

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45011	ADFG	ADF&G Commissioner's Office	Stakeholder	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-NOV-00 -	Public Outreach and Education	\$400,000.00	\$0.00	Central Southeast Alaska

Project Description
Coordination and outreach for SSSF processes benefiting salmon stocks and fisheries

Project Ref	Grantee	Subgrantee	Project Name	State	
AK45038	ADFG	ADF&G Commissioner's Office	Technical Assistance to SSSF Project	AK	
Fiscal Year	Start - End Dates	PCSRF Objective	Federal Funds	State Funds	Basin (3rd Field HUC)
2000	01-JUL-01 - 01-JUN-03	Public Outreach and Education	\$102,003.00	\$0.00	Central Southeast Alaska

Project Description
Provide technical assistance and scientific expertise to the agency's sustainable salmon initiative, with focus on Southeast Sustainable Salmon Fund