

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Baker County
200-154	Baker Assn of Conservation Dist	Powder Basin Water Quality Monitoring, 01-02	\$18,854.24	Monitoring	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 1995/19996, 1999/2000 project and the 1997 fecal coliform data. It will continue coordinated water quality monitoring efforts in the basin.	
200-154A	Baker Assn of Conservation Dist	Powder Basin Water Quality Monitoring, 01-02	\$17,898.26	Monitoring	Same as 200-154. Change in fund source.	
200-189	Burnt River SWCD	Middle Burnt River CRMP Early Action Project	\$13,000.00	Restoration	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.	
200-245	Eagle Valley SWCD	North Fork Daly Creek Project	\$44,711.80	Restoration	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.	
200-245FF	Eagle Valley SWCD	North Fork Daly Creek Project	\$197.00	Restoration	Same as 200-245. Change in fund source.	
201-055	Baker Assn of Conservation Dist	Powder Basin Watershed Council Support	\$57,294.59	Council Support	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.	
201-055A	Baker Assn of Conservation Dist	Powder Basin Watershed Council Support	\$2,781.00	Council Support	Same as 201-055. Change in funding source.	
201-055B	Baker Assn of Conservation Dist	Powder Basin Watershed Council Support	\$34,371.99	Council Support	Same as 201-055. Change in funding source.	
201-391	Cracker Creek Gold Mining Co	Cracker Creek Mining Area Watershed Restoration Project	\$115,600.00	Restoration	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.	
201-511	Baker Assn of Conservation Dist	Watersheds Assessment #3 Powder River Powder Valley	\$17,682.00	Assessment	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.	

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201-690	Eagle Valley SWCD	Fizz Springs Baker County Parks	\$12,953.00	Restoration	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.	
201-692	Baker Valley SWCD	Little Antone Creek Wilson Family Ranches	\$6,104.00	Restoration	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.	
201-701	Ducks Unlimited Inc	Sackos Restoration Project	\$77,565.00	Restoration	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.	
201-706	Seven Generations Inc	Fox Creek Riparian Fencing & Planting Project	\$12,209.00	Restoration	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.	
203-190	Powder Basin WSC	Outreach Program for WS Action Planning	\$17,945.00	Education	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.	
203-200	Burnt River SWCD	Monument Fire Ellingson Burned Area Restoration	\$76,520.00	Restoration	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.	
204-057	Powder Basin WSC	Powder Basin WSC Support	\$17,507.32	Council Support	2003-05 Council Support for Powder Basin WSC	
204-057A	Powder Basin WSC	Powder Basin WSC Support	\$54,272.68	Council Support	2003-05 Council Support for Powder Basin WSC	
204-057B	Powder Basin WSC	Powder Basin WSC Support (2001-03 C/O)	\$6,917.00	Council Support	2003-05 Council Support for Powder Basin WSC	

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Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Baker County
204-057C	Powder Basin WSC	Powder Basin WSC Support (2001-03 C/O)	\$3,000.00	Council Support	2003-05 Council Support for Powder Basin WSC	
204-157	Baker Valley SWCD	Smith/McPhee/Tanner Check Dam Structure	\$47,410.00	Restoration	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.	
204-158	Burnt River SWCD	Chambeam Diversion	\$27,525.00	Restoration	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.	
204-172	Waterbury- Allen Ditch Improvement Dist	Waterbury- Allen Diversion Project	\$111,870.00	Restoration	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.	
204-260	Burnt River SWCD	Burnt River Juniper Control	\$82,430.00	Restoration	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%).	
204-435	Dunbar	Camp Cr/Whitney Valley	\$102,983.00	Restoration	Seven partners are cooperating to accomplish several project components on 637 acres near Whitney including: fish-barrier removal; irrigation check structure; 4,500' riparian/pasture fencing; streambank stabilization; in-stream large wood; upland water development; vegetative plantings; remove fish barrier; and timber stand improvement. Watershed benefits include improved water quality, enhanced fish habitat on 1.5 miles of a fish-bearing stream and improved upland conditions. OWEB funds are requested for equipment rental & labor (51%), supplies/materials (46%), and administration (3%). Cost-share partners include Burnt SWCD, ODF, ODFW, NRCS, USFS, BPA, NMFS and the landowners.	
204-436	Burnt River SWCD	Deer Cr Riparian Habitat Enhancement	\$10,800.00	Restoration	A 4.6 mile portion of New Zealand-style fence would be installed to create a cattle enclosure on 2.3 miles of Deer Creek in the Burnt River drainage. Seven hundred fifty woody shrubs will be planted in the spring of 2005. Watershed benefits include improved water quality and quantity; enhanced wildlife habitat and riparian vegetation. OWEB funds are requested for fencing (93%) and administration (7%). Cost-share partners include BLM, USFS, NWTF, Blue Mountain Elk Initiative, ODFW, Burnt SWCD and permittee.	

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Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Baker County</b>
204-517	Powder Basin WSC	Sumpter Municipal Diversion - Engineering Design	\$33,500.00	Technical Assistance	The Powder Basin Watershed Council requires technical assistance is needed to contract a professional engineer to upgrade the Sumpter municipal diversion. A design is needed for a fish screen, fish passage return and mechanical water-control structure. OWEB funds will be used for a site survey, footprint for the fish screen, fish return ladder, retrofit of the current diversion structure, and design specification.	
204-519	Baker Assn of Conservation Dist	Baker Co SWCDs Engineering	\$22,785.00	Technical Assistance	The four SWCDs in Baker County are seeking technical assistance to supplement the planning and design phases of SWCD projects through contracted outside engineering. Proposed projects to be engineered include flood-to-sprinkler conversion, range management, off-stream watering, stream restoration, wetland establishment/restoration, and improved diversion structures with measuring devices. OWEB funds are requested principally for contracted engineering.	
205-068	Baker Valley SWCD	Powder River Water Quality Enhancement	\$360,000.00	Restoration	Located in Baker County along the Powder River, this project will remove 6,000 head of cattle from 9 miles of the Powder River. Components include 10.5 miles of fence, 80 troughs, 14 rock weirs, 30 miles of pipe, 65,940 plants and 6 river crossings. OWEB funds are requested for personnel (2%), engineering (4%), pipeline (77%), troughs (6%), plants (4%), river crossing (3%), administration/outreach (3%) and monitoring (1%). Cost-share partners include EQIP, USFWS, Baker Valley SWCD, NRCS, and the landowners.	
205-083	Eagle Valley SWCD	Forsea Ranch Off-Stream Watering & Riparian Restoration	\$13,806.00	Restoration	Project components include fencing 2,700' along both sides of an unnamed stream and installing 2,000' of pipe to 7 concrete troughs that will provide alternative livestock water near Richland. Watershed benefits include improved water quality, sediment and nutrient reduction. OWEB funds are requested for pipe (40%), troughs (44%), livestock gates (5%), administration and monitoring (11%). Cost-share partners include Eagle Valley SWCD, NRCS and the landowner.	
99-009	City of Baker City	Baker City Watershed Forest Health	\$18,500.00	Restoration	To employ inmates of the Powder River Correctional Facility to remove excess forest fuels. The fuels to be removed are causing a condition that can result in a stand-replacing fire in the Baker City Watershed. It is likely that such a fire would result in significantly reduced water quality, loss of wildlife habitat, significant soil erosion, and altered water production. Water quality degradation would result from a loss of tree canopy, organic soils and other components of the watershed that produce high quality water. This project would at a minimum double the effort to reduce fuels by hand in a road less watershed.	
99-090	Baker Valley Irrigation Dist	Powder Rvr Irrigation & Fish Habitat Project	\$75,900.00	Restoration	The Baker Valley Irrigation District, together with private landowners and local, state and federal agencies, will use GWEB funds to solve instream and off-stream water use issues along the Powder River corridor just north of the city of Baker City. This will involve installation of a state -of the art fish screen with return flow, a fish ladder, ten rock weirs, as well a structural and management improvements in irrigation practices. These, along with riparian fencing, winter livestock watering facilities and vegetation streambank stabilization measures, will bring about water quantity and quality savings, reduced tail water runoff, increased instream flows, improved fish passage, improved aquatic and riparian habitat and noxious weed control, alleviation of flood damage and enhanced public awareness due to the highly visible location of the project site.	
99-172	Keating SWCD	Houghton Crk Restoration Project Phase II	\$11,335.00	Restoration	This project proposes to provide three rock grade control structures, riparian corridor fencing, and establish / improve riparian vegetation to decrease head cutting, decrease the erosive energy of water, and allow sediments to drop out resulting in raising the grade of the creek and the surrounding water table. In addition the establishment / increase of riparian vegetation would result in greater ecosystem health, water savings, and reduce soil erosion.	

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Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Baker County</b>
99-174	Baker Assn of Conservation Dist	Powder Basin Water Quality Monitoring Project	\$25,300.00	Monitoring	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 partners initiated a water quality monitoring project in 1995 and continued monitoring into 1996. Water samples were collected along the Upper and Lower Powder River in 1997 and analyzed for fecal coliform. However, two years worth of data is insufficient to accurately assess current water quality conditions within the basin. This project will augment data collected during the 1995/1996 project and the 1997 fecal coliform data will continue coordinated water quality monitoring efforts in the basin. Following completion of baseline monitoring efforts, a final, comprehensive analysis and report summarizing monitoring results will be published. The information collected will provide a database to be used in the basin assessment; identify water quality variations throughout the basin; and help identify problem areas and prioritize management plans to address water quality concerns.	
99-224	Powder Valley Water Control District	North Powder River/Anthony Creek Monitoring	\$26,000.00	Monitoring	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.	
99-276	Baker Assn of Conservation Dist	Powder Basin WSC-bal of grant in 99-276 FF-NOAA	\$31,170.30	Council Support	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.	
99-276FF	Baker Assn of Conservation Dist	Balance from 99-276 to FF-NOAA	\$37,826.70	Council Support	Summary in 99-276. Different funding source.	
99-277	Baker Assn of Conservation Dist	Powder Basin Watersheds Assessment	\$23,459.00	Assessment	With the assistance of a natural resource specialist (RARE participant), the Powder Basin Watershed Council intends to produce an assessment of the North Powder River Watershed (~126 square miles) and hopes to produce an assessment of the Sumpter watershed (~144 square miles) of the upper Powder River. These assessments will be numbers 2 and 3 in a series of 10 which are planned to cover the entire Powder Basin of 3,600 square miles.	
99-323	Eagle Valley SWCD	Pine-Eagle Watersheds Fish Habitat	\$38,700.00	Restoration	A partnership of private landowners, irrigation ditch companies, Eagle Valley SWCD, Powder Basin Watershed Council and state federal agencies propose to accelerate the installation of fish screens and associated diversion improvements in Pine and Eagle Valleys in Northeastern Oregon. OWEB funds will be used to update six irrigation diversions with fish screens while also providing fish passage, water control and water measurement. In addition, OWEB funds are requested to provide engineering services to design three of the individual projects. NRCS, ODFW and OWRD personnel will be part of the partnership to identify irrigation diversion designs compatible with fish needs. This OWEB application is one part of an overall strategy to progress from the recently completed Pine-Eagle Assessment, to a CRMP action plan, to whole farm plans, to locating other funds such as a EQIP to help finance the comprehensive effort.	

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Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Baker County
99-576	Baker Valley SWCD	Baker Valley Soil Moisture Mntng & Irrigation Wtr Cons Proj	\$7,308.00	Monitoring	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.	
99-576A	Baker Valley SWCD	Baker Valley Soil Moisture Mntng & Irrigation Wtr Cons Proj	\$812.00	Monitoring	Same as 99-576. Change in fund source.	
99-599	City of Halfway	Halfway-Pine Crk Flood Prevention & Fish Habitat Project	\$14,026.15	Restoration	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.	
<b>Baker County Total</b>			<b>1,730,830.03</b>			

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Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Benton County</b>
200-101	Oregon Wildlife Heritage Foundation	Coffin Butte Acquisition	\$21,500.00	Acquisition	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.	
200-101A	RPC	Coffin Butte Acquisition/Review Appraisal	\$650.00	Appraisal	Review Appraisal for 200-101.	
200-103	Greenbelt Land Trust	Owens Farm/Jackson & Fraizer Creeks Acquisition	\$125,000.00	Acquisition	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.	
200-103A	RPC	Owens Farm/Jackson & Fraizer Creeks Acq/Review Appraisal	\$1,560.00	Appraisal	Review Appraisal for 200-103.	
200-104	River Network	Willamette River Gallery Forest Protection Acquisition	\$381,825.00	Acquisition	The OWEB grant would allow for the acquisition of 236 acres on the Willamette River. Just upstream from its confluence with the Luckiamute River.	
200-104A	RPC	Willamette River Gallery Forest Protection Project/Review Ap	\$650.00	Appraisal	Review Appraisal for 200-104.	
200-115A	Sam Daws District Improvement	Willamette Floodplain Restoration Project Phase I	\$28,898.80	Restoration	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.	
200-115B	Sam Daws District Improvement	Willamette Floodplain Restoration Project Phase II	\$344,953.04	Restoration	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.	
200-124	Benton County Parks Dept	Jackson-Frazier Wetland	\$4,996.40	Education	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.	
201-024	Marys River WSC	Mary's River WSC Support	\$52,407.20	Council Support	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 aestivates.	
201-024A	Marys River WSC	Mary's River WSC Support	\$22,590.53	Council Support	Same as 201-024. Change in funding source.	
201-090B	Benton County Public Works	Unname Creek No. 3 (Sutter Creek) Culvert & Stream Rest.	\$10,000.00	Monitoring	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	

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201-104	MidCoast WSC	Bummer Cr. Salmon Habitat Restoration Project	\$6,149.00	Restoration	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.	
201-154	Marys River WSC	Marys River Water Quality Monitoring Project: Phase 1	\$47,143.80	Monitoring	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.	
201-186	Benton County Public Works	Hammer Creek Basin Culvert Replacement & Stream Rest.	\$68,036.39	Restoration	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.	
201-317	Benton SWCD	Making Ripples: Community Building for Water Quality	\$10,000.00	Education	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.	
201-326	Benton SWCD	Fish Passage and Habitat Assessment Inventory	\$44,644.30	Assessment	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.	
201-483	Benton County Public Works	Soap Cr Culvert Replacement & Stream Restoration	\$40,800.00	Restoration	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.	
201-484	Benton County	Woods Cr Culvert Replacement & Stream Restoration	\$40,802.93	Restoration	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.	
201-572	Benton County Public Works	Sutter Creek Culvert & Stream Restoration Project	\$36,321.50	Restoration	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.	

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201-579	MidCoast WSC	South Fork Alsea (Mainstem)	\$45,287.65	Restoration	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.	
201-580	MidCoast WSC	Lobster Riparian Restoration Project	\$10,298.00	Restoration	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.	
201-645	David M Ehlers	Vincent Creek & Sarah's Run WS Enhancement	\$33,798.00	Restoration	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.	
203-045	Benton SWCD	Norton Cr Culvert Replacement	\$83,618.92	Restoration	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.	
203-046	Benton County Public Works	Vincent Cr Culvert Replacement & Stream Restoration	\$24,407.63	Restoration	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.	
203-249	Marys River WSC	Marys River WSC Restoration Proposal Development	\$27,675.08	Technical Assistance	Marys River WSC Restoration Proposal Development	
204-028	Marys River WSC	Marys River WSC Support	\$17,073.17	Council Support	2003-05 Council Support for Marys River WSC	
204-028A	Marys River WSC	Marys River WSC Support	\$52,926.83	Council Support	2003-05 Council Support for Marys River WSC	
204-028B	Marys River WSC	Marys River WSC Support (2001-03 C/O)	\$6,002.27	Council Support	2003-05 Council Support for Marys River WSC	
204-106	Greenbelt Land Trust	Muddy Cr Conservation Easement	\$100,000.00	Acquisition	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.	
204-106A	Various	Muddy Cr Conservation Easement	\$1,313.28	Appraisal	Review Appraisal and AG costs	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Benton County
204-173	OSU Extension Salem	Watershed Stewardship (WSEP)	\$80,965.00	Education	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).	
204-292	Greenbelt Land Trust	Owens Farm Assessment Action Plan	\$9,500.00	Assessment	This project proposes to complete a restoration plan for a 95 acre site in Benton County. The plan will guide restoration of the site, focusing on wet prairie, riparian, and oak woodlands habitats. The plan will focus on specific management objectives to be implemented with other funds. The OWEB funds are primarily for contracted services.	
204-294	Marys River WSC	Monitoring Phase 2 to Develop Restoration Plans	\$33,870.00	Monitoring	This project is the second phase of a monitoring effort designed to identify point source or localized non-point source pollutants. In the first phase, they found three sites with elevated levels of pollutants (e.coli bacteria, specific conductivity, dissolved oxygen and/or total phosphorus). This monitoring designed to identify causes of these elevated levels of pollutants to help develop restoration efforts to remedy the problems. OWEB funds are for water quality lab work (36%) and for consultants to collect specialized data, interpret collected data and produce a report ( 57%).	
204-336	MidCoast WSC	Crooked Cr Off Channel Rearing	\$15,527.00	Restoration	This project would restore off-channel connectivity on a broad floodplain terrace on Crooked Creek, a tributary of the North Fork Alsea River. Historic meanders would be reconnected and some currently impounded pools would be enlarged to encourage off-channel Coho fry rearing during high winter flows as well as during low flows in late spring and summer. OWEB funds would be used for excavation and project management.	
204-383	Marys River WSC	Blakesley Cr & Woods Cr Fish Passage & Stream Restoration	\$93,308.00	Restoration	This project proposes improving three stream crossings on Blakesley Creek. Two culverts will be replaced with oversized countersunk pipe-arch culverts and one with a bridge. This project also proposes installing three to four rock weirs below an existing culvert in Woods Creek for improved fish passage to approximately nine miles of upstream fish habitat. These activities would assist in the recovery of cutthroat trout and possibly steelhead and juvenile chinook. OWEB funds would be used for personnel, contracted services, supplies/materials, and administration	
204-383A	Marys River WSC	Blakesley Cr & Woods Cr Fish Passage & Stream Restoration	\$40,309.00	Restoration	Same as 204-383. Change in fund source.	
204-387	Benton SWCD	Beaver Cr Fish Passage & Stream Restoration	\$63,919.00	Restoration	This project proposes removing two existing culverts and replacing them with oversized countersunk pipe-arch culverts, and placing a fishway on an agriculture dam that is impeding fish passage in the Beaver Creek subbasin. Providing fish passage around the agriculture dam and through the two culverts will open approximately 22 miles of good salmonid and resident trout habitat. The project area will be re-planted to enhance the restoration. OWEB funds would be used for personnel, contracted services, supplies/materials, production costs, and administration.	
204-387A	Benton SWCD	Beaver Cr Fish Passage & Stream Restoration	\$44,691.00	Restoration	Same as 204-387. Change in fund source.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Benton County</b>
204-498	Benton SWCD	Benton Co Luckiamute River WS Fish Passage Improvement	\$18,900.00	Technical Assistance	Technical assistance is needed for surveys, engineering design, and to obtain permits and develop grant applications to request funding for construction of up to four fish passage and stream restoration projects within the Luckiamute Watershed, Benton County. These projects will allow fish passage to approximately 14 miles of upstream fish habitat. OWEB funds will be used for personnel, contracted services, including the engineering and survey work, and transportation.	
205-039	Cascade Pacific RC&D	Bylund/OR State Parks Willamette River Restoration	\$116,300.00	Restoration	This project proposes to create a continuous 1.2 mile long riparian buffer along the Willamette River, including 3,000 feet of backwater slough for off channel, high water refuge totaling 46 acres, by restoring and enhancing floodplain function and fish and wildlife habitat. The project will provide additional riverfront property to Oregon State Parks Greenway and promote the concept of a "meander belt" along the Willamette River. A land exchange between the landowner and OSP will give OSP ownership of the riverfront property. OWEB funds would be used for contracted services and supplies and materials for construction of the stream stabilization structures.	
99-008	North Santiam WSC	North Santiam Watershed Council Support	\$87,623.86	Council Support	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.	
99-008FF	North Santiam WSC	North Santiam Watershed Council Support	\$9,643.28	Council Support	Summary in 99-008. Different funding source.	
99-417	OSU	Monitoring of Willamette River Floodplains(from 99-118)	\$18,712.80	Monitoring	Monitoring of Willamette River Floodplains (from 99-118)	
99-441	Cascade Pacific RC&D	Love and Swing Stream Enhancement Proj	\$4,862.00	Restoration	Place 45 logs instream and thin thirteen riparian areas to provide cover and increase habitat complexity for juvenile salmonids on Wilkinson Creek.	
99-441A	Cascade Pacific RC&D	Love and Swing Stream Enhancement Proj	\$4,878.00	Restoration	Summary in 99-441. Different funding source.	
99-442	Yaquina Basin Planning Team	10 Stream Rest. Designs for the Yaquina Basin	\$17,850.00	Restoration	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.	
99-522	Country Estates Road District	Churchill Culvert Replacement	\$5,509.65	Restoration	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.	
<b>Benton County Total</b>			<b>2,357,698.31</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Clackamas County</b>
200-086	Clackamas River Basin Council	Clackamas Fish Barrier Identification & Prioritization Model	\$83,300.18	Monitoring	The Clackamas River Basin Council and it's partners intend to conduct a Fish Passage Barrier Identification and Prioritization Project (Barrier Assessment) in the Lower Clackamas River Basin. A local project manager will be hired to supervise field crews and volunteers that will compile, review and field check existing data, conduct barrier assessments consistent with ODFW methods for 1) barrier type, outfall drop, slope, 2) assess fish use and habitat conditions up and downstream of the barriers. The information will then be used to identify priorities for replacement, retrofit or removal. A technical advisory team and the Clakamas Fish Passage Task Force will provide support, training and review of the project.	
200-087	Saturday Academy	Student WS Research Project	\$2,324.69	Monitoring	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.	
200-087A	PSU	Student WS Research Project (Bal of 200-087)	\$53,678.01	Monitoring	Same as 200-087 with different payee.	
200-106	Clackamas County	Clackamas County 2001 Fish Passage Improvements	\$241,789.52	Restoration	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.	
200-107	The Nature Conservancy	Sandy River WS Riparian	\$28,708.60	Restoration	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.	
200-107A	The Nature Conservancy	Balance of 200-107 from PGE Salmon Funds	\$12,596.40	Restoration	Summary in 200-107. Different funding source.	
201-033	Sandy River WSC	Sandy River Basin WSC Coordinator Support Project	\$40,625.00	Council Support	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.	
201-033A	Sandy River WSC	Sandy River Basin WSC Coordinator Support Project	\$6,000.00	Council Support	Same as 201-033. Change in funding source.	
201-033B	Sandy River WSC	Sandy River Basin WSC Coordinator Support Project	\$32,105.48	Council Support	Same as 201-033. Change in funding source.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Clackamas County</b>					
201-038	Clackamas River Basin Council	Clackamas River Basin Council	\$56,250.00	Council Support	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.
201-038A	Clackamas River Basin Council	Clackamas River Basin Council	\$6,000.00	Council Support	Same as 201-038. Change in funding source.
201-038B	Clackamas River Basin Council	Clackamas River Basin Council	\$18,750.00	Council Support	Same as 201-038. Change in funding source.
201-166	Clackamas River Basin Council	Clackamas Subwatershed Summary & Action Plan	\$71,287.00	Assessment	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.
201-321	Molalla River Watch Inc	Molalla River Biomonitoring Project	\$9,342.00	Monitoring	This project will monitor macroinvertebrates, water quality, and physical habitat conditions at six established monitoring sites in the Molalla River watershed.
201-330	Clackamas River Basin Council	North Fork Eagle Creek	\$27,500.00	Restoration	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.
201-489	Metro Parks & Greenspaces	Clackamas River Watershed Riparian Protection	\$31,792.86	Restoration	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.
201-492	The Nature Conservancy	Sandy River Watershed Riparian Protection Phase III	\$61,583.25	Restoration	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.
201-639	Sandy River WSC	Cedar Creek Riparian Improvement #1	\$45,067.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Clackamas County</b>					
201-728A	Clackamas County	Clackamas Co. 2002/03 fish passage - Howards Mill	\$35,704.58	Restoration	Culvert replacements
201-728B	Clackamas County	Clackamas Co. 2002/03 fish passage - Needy Road	\$29,643.00	Restoration	Culvert replacements
201-728C	Clackamas County	Clackamas Co. 2002/03 fish passage - Gibson Site	\$62,044.47	Restoration	Culvert replacements
201-728D	Clackamas County	Clackamas Co. 2002/03 fish passage - Graves Road	\$29,067.53	Restoration	Culvert replacements
201-728E	Clackamas County	Clackamas Co. 2002/03 fish passage - Henry Creek	\$270,803.07	Restoration	Culvert replacements on Henry Creek
201-728F	Clackamas County	Clackamas Co. 2002/03 fish passage - Gerber Road	\$241,115.00	Restoration	Culvert replacements on Gerber Road
203-148	Clackamas River Basin Council	Clackamas Fish Passage Barrier Assessment	\$97,361.00	Monitoring	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.
203-151	Molalla River Watch Inc	Lower Molalla River Milk Cr WS Assessment	\$46,725.00	Assessment	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.
203-154	Metro Parks & Greenspaces	Clackamas River WS Riparian Protection	\$48,050.00	Restoration	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.
203-155	Clackamas SWCD	L Molalla River Mine Land Reclamation & Restoration Project	\$3,567.08	Restoration	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.
203-155A	Clackamas SWCD	L Molalla River Mine Land Reclamation & Restoration Project	\$11,150.00	Restoration	Same as 203-155. Change in funding source.
203-156	SOLV	Mt Scott Cr (Bischel Property) Fish Passage Project	\$23,647.45	Restoration	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.
203-156A	SOLV	Mt Scott Cr (Bischel Property) Fish Passage Project	\$26,996.00	Restoration	Same as 203-156. Change in funding source.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Clackamas County</b>
203-159	The Nature Conservancy	Sandy River WS Riparian Protection Phase III	\$75,323.00	Restoration	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.	
203-163	City of Oregon City	Oregon City 2003 Fish Passage Improvement Project	\$185,000.00	Restoration	This project is the first of several projects that will open around 7 miles of high quality spawning habitat. The project includes removing an existing box culvert and weir system and installing a multi-plate pipe arch. OWEB funds would be used primarily for construction and right of way costs.	
203-163A	City of Oregon City	Oregon City 2003 Fish Passage Improvement Project	\$133,811.00	Restoration	Same as 203-156. Change in funding source.	
203-163B	City of Oregon City	Oregon City 2003 Fish Passage Improvement Project	\$43,770.00	Restoration	Same as 203-156. Change in funding source.	
203-241	Clackamas SWCD	Upper Molalla/Upper Milk Cr Tributaries Gap TA	\$44,940.78	Technical Assistance	Upper Molalla/Upper Milk Cr Tributaries Gap Technical Assistance	
204-023	Clackamas River Basin Council	Clackamas River WS Council Support	\$20,696.58	Council Support	2003-05 Council Support for Clackamas River Basin Council	
204-023A	Clackamas River Basin Council	Clackamas River WS Council Support	\$64,159.42	Council Support	2003-05 Council Support for Clackamas River Basin Council	
204-034	Sandy River WSC	Sandy River Basin WSC Support	\$18,292.68	Council Support	2003-05 Council Support for Sandy River Basin WSC	
204-034A	Sandy River WSC	Sandy River Basin WSC Support	\$56,707.32	Council Support	2003-05 Council Support for Sandy River Basin WSC	
204-034B	Sandy River WSC	Sandy River Basin WSC Support (2001-03 C/O)	\$2,269.52	Council Support	2003-05 Council Support for Sandy River Basin WSC	
204-034C	Sandy River WSC	Sandy River Basin WSC Support (09-03 Award)	\$5,000.00	Council Support	2003-05 Council Support for Sandy River Basin WSC	
204-117	Clackamas County	Clackamas Co 2003 Fish Passage Projects II	\$15,977.66	Restoration	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.	
204-117A	Clackamas County	Clackamas Co 2003 Fish Passage Projects II	\$123,120.00	Restoration	Same as 204-117. Change in fund source.	
204-293	City of Wilsonville	Monitoring of Fish Species & Aquatic Habitat in Streams	\$21,500.00	Monitoring	This proposal will 1) evaluate the abundance and distribution of fish species in approximately nine miles of streams within the city of Wilsonville; and 2) conduct aquatic habitat surveys in these streams to indicate where habitat should be protected and restored. This project will assess population abundance, calculate an index of biotic integrity and determine seasonal habitat use patterns of ESA-listed salmonids in each stream or reach.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Clackamas County</b>					
204-380	Sandy River WSC	Salmon Carcass Enrichment/Sandy & Clackamas Rivers	\$59,424.00	Restoration	This project would distribute surplus hatchery salmon carcasses by helicopter and volunteer ground crews to tributaries of the Sandy and Clackamas rivers to enhance levels of marine derived nutrients to increase production of natural spawning populations of salmon and steelhead. Full treatment will be applied over the entire distance, totaling 32 miles, of anadromy for targeted watersheds. Monitoring will be conducted to evaluate the project's overall effectiveness. OWEB funds would be used for personnel, contracted services, supplies/materials, administration and monitoring.
204-381	The Resort at the Mountain	Clackamas Co - Salmon River/Wee Burn Restoration Project	\$44,691.35	Restoration	This project is a resubmitted proposal for reestablishing natural floodplain and side-channel habitat to improve fish rearing and passage. Project benefits include increased access to spawning and off-channel rearing habitat for threatened Chinook/Coho salmon and winter steelhead, the protection of a streambank and sanitary sewer line from flood damage and erosion and the creation of new conservation education facilities and programs to inform the Resort's visitors about aquatic restoration efforts and watershed ecology. OWEB funds would be used for contracted services, personnel, supplies/materials, administration, and monitoring.
204-381A	The Resort at the Mountain	Salmon River/Wee Burn Restoration Project	\$40,308.65	Restoration	Same as 204-381. Change in fund source.
204-382	The Nature Conservancy	Sandy River WS Riparian Protection - Final Phase	\$76,753.00	Restoration	This proposal covers the final two years of a successful and widely supported watershed scale, multi-partner and integrated habitat restoration and community outreach and education program. The focus of this landscape level project is protection and restoration of critical riparian habitat by removing system modifying noxious weeds, especially Japanese and giant knotweed. The project will increase local community and regional knowledge and action through control method research, vigorous education and outreach programs and volunteer action. OWEB funds would be used for personnel, contracted services, supplies/materials, administration, and monitoring.
204-384	Clackamas River Basin Council	Clear Cr Habitat Enhancement	\$16,698.00	Restoration	This project will provide much needed instream structures to Clear Creek. The structures will provide overhead cover, create pools, trap gravel, and reduce stream velocity and erosion potential. The project proposes augmenting the natural recruitment of large woody debris in Clear Creek by bringing in logs and boulders and strategically placing them in the channel for the purpose of increasing habitat complexity by creating suitable pools and riffles that will benefit salmonids present in the stream. OWEB funds would be used primarily for contracted services, supplies/materials, and administration.
204-384A	Clackamas River Basin Council	Clear Cr Habitat Enhancement	\$16,698.00	Restoration	Same as 204-384. Change in fund source.
204-388	Metro Parks & Greenspaces	Clackamas River WS Riparian-Metro Parks	\$149,475.00	Restoration	This project proposal is a continuation of a five-year ongoing effort to eradicate Japanese knotweed from the headwaters of the Clackamas River downstream to Clear Creek. This project, in conjunction with cooperative projects with The Nature Conservancy of Oregon, Clark County (WA), and the Oregon Dept. of Agriculture will contribute to the refinement of a new, safe and effective technique for killing and controlling knotweed that can be applied on a regional basis. OWEB funds would be used for personnel, contracted services, supplies/materials, production costs, and administration.
99-123	Clackamas River Basin Council	Clackamas River Basin Council Support	\$56,132.06	Council Support	The project will provide two years of funding for a full-time coordinator and support for operations. The coordinator will administer the Council's daily activities. The coordinator will develop and help implement fundraising and outreach projects. These activities will support, and proceed in tandem with, the Council's assessment, monitoring, protection, and restoration projects.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
99-123FF	Clackamas River Basin Council	Balance of 99-123 paid from FF-NOAA	\$18,867.94	Council Support	Summary in 99-123. Different funding source.
99-179	Clackamas SWCD	Clackamas & Sandy Basin Ag & Water Quality Monitoring	\$42,591.18	Monitoring	This project will monitor and assess the water quality conditions within the Clackamas and Sandy river Basin's in order to identify where agricultural activities may be impairing water quality. The results from the assessment will be used to prioritize the implementation of public education and technical assistance to those geographical areas and for those activities that are found to be having the greatest impact on water quality. Monitoring efforts will be coordinated with the local watershed council's monitoring and assessment activities so as to establish baseline data for the watersheds, and prevent duplication and overlap of our efforts within the basins.
99-179A	Clackamas SWCD	Clackamas & Sandy Basin Ag & Water Quality Monitoring	\$28,880.82	Monitoring	Summary in 99-179. Different funding source.
99-232	The Nature Conservancy	Sandy River Basin Riparian Habitat Protection	\$39,380.46	Restoration	Riparian habitat is an important determinant of fish success. This project is a cooperative, integrated approach to protecting the integrity of riparian habitat in the Sandy River watershed. Control of the habitat-modifying weed Japanese knotweed will prevent degradation of this important anadromous fishbearing stream and enhance the effects of other fish protection measures. By working with multiple private and public partners and across boundaries, will increase efficiency and the likelihood of success. By conducting vigorous community outreach we hope to both educate and motivate local community action. Formation of a knotweed working group will facilitate wider public action on this species. Actual control work will be done by Americorps groups, other youth groups, local community members and TNC volunteers.
99-287	Association of NW Steelheaders	Help Our Salmon	\$67,713.45	Education	This is an educational project directed to students for watershed studies with regard to Salmon habitat in the lower Columbia Slough. This is in keeping with The Oregon Plan for Salmon and Watersheds. The project will enable watershed councils to compile data and assess conditions of natural resources in the watershed. This will be accomplished by a team consisting of a Northwest steelheader coordinator, an environmental educator from the City of Portland Bureau of Environmental Services, Salmon Corps members and a biologist from Oregon Department of Fish & Wildlife. This team will instruct third grade through high school students in the ecology of the watershed and its relationship to the salmon habitat.
99-321	Clackamas County Transportation	Foster Cr. Fish Passage Improvement	\$660,000.00	Restoration	Clackamas County proposes to replace a culvert that is blocking adult and juvenile coho, steelhead, cutthroat trout all ESA listed species and other native fish to high quality habitat and spawning grounds in the Foster Creek Watershed. The 5 foot drop from the end of a 96" culvert eliminates both adult and juvenile salmon and steelhead passage throughout 2,600 upstream acres and 4.4 stream channel miles of high quality spawning and rearing habitat. This culvert was identified as a barrier in the ODFW Fish Passage Survey and in the Clackamas River Basin Council's Fish Passage Survey, and is currently the highest-priority barrier to fish passage culvert targeted for replacement in Clackamas County. This project proposes to remove the culvert and build a bridge over the creek to allow fish passage into the Foster Creek watershed.
99-516	Clackamas SWCD	Small Acreage Landowner Workshops & Demonstrations	\$25,462.16	Education	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.
99-516A	Clackamas SWCD	Balance of 99-516 from Salem Electric Salmon Funds	\$1,454.84	Education	Summary in 99-516. Different funding source.
99-521	Sandy River WSC	Sandy River Basin Watershed Council Coord Support Proj	\$35,912.92	Council Support	Fund a full-time coordinator, part-time clerical assistant, and office overhead for the Sandy River Basin Watershed Council.
<b>Clackamas County Total</b>			<b>3,945,585.96</b>		

March 01, 2005

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Clatsop County
200-010	Lower Nehalem WSC	Little N Fork Nehalem Habitat	\$20,427.36	Restoration	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.	
200-021	Skipanon River WSC	Skipanon River Dam Retrofit	\$11,722.00	Restoration	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.	
201-007	Necanicum WSC	Necanicum Watershed Council Support	\$19,800.00	Council Support	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.	
201-007A	Necanicum WSC	Necanicum Watershed Council Support	\$15,258.91	Council Support	Same as 201-007. Change in funding source.	
201-011	CREST	Clatsop Watershed Coordinator	\$53,922.34	Council Support	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.	
201-011A	CREST	Clatsop Watershed Coordinator	\$35,186.82	Council Support	Same as 201-011. Change in funding source.	
201-061	City of Seaside	Neawanna Natural History Park - Estuary/Watershed Discovery	\$22,600.00	Education	The Estuary/Watershed Discovery is a citizen based natural resource program designed to engage community members and visitors.	
201-098	Upper Nehalem WSC	Nehalem Watershed - Big Creek Salmonid Habitat Restoration	\$641.96	Restoration	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.	
201-098A	Upper Nehalem WSC	Nehalem Watershed - Big Creek Salmonid Habitat Restoration	\$1,650.00	Restoration	Same as 201-098. Change in fund source.	
201-277	The Nature Conservancy	Wetland Restoration at Gearhart Bog	\$23,721.26	Assessment	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Clatsop County</b>					
201-293	Clatsop Coordinating Council	Clatsop County Riparian Restoration Project	\$33,918.66	Restoration	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.
201-577	Ecola Creek WSC	West Fork Ecola Creek Large Wood Debris Placement Project	\$1,520.00	Restoration	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.
203-005	Necanicum WSC	Necanicum Habitat Assessment	\$30,817.48	Assessment	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.
203-114	North Coast Land Conservancy	Circle Cr Acquisition	\$300,000.00	Acquisition	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.
203-114A	North Coast Land Conservancy	Circle Cr Acquisition	\$750,000.00	Acquisition	Same as 203-114. Change in fund source.
203-114B	Various	Circle Cr Acquisition - Direct Costs	\$1,830.98	Appraisal	Direct costs associated with acquisition grant, ie, review appraisal, AG Costs, DEQ costs
203-118	Clatsop Coordinating Council	Clatsop Co Riparian Restoration Project 2003	\$39,185.00	Restoration	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.
203-908	Clatsop SWCD	CREP Technical Assistance	\$47,000.00	CREP Technical Assist	CREP Technical Assistance
204-001	Clatsop Coordinating Council	Clatsop Coordinating Council Support	\$28,048.78	Council Support	2003-05 Council Support for Ecola Cr, Necanicum, Nicolai-Wickiup, Skipanon, Youngs Bay WSCs
204-001A	Clatsop Coordinating Council	Clatsop Coordinating Council Support	\$68,455.22	Council Support	2003-05 Council Support for Ecola Cr, Necanicum, Nicolai-Wickiup, Skipanon, Youngs Bay WSCs
204-001B	Clatsop Coordinating Council	Clatsop Coordinating Council Support	\$8,307.09	Council Support	2003-05 Council Support for Ecola Cr, Necanicum, Nicolai-Wickiup, Skipanon, Youngs Bay WSCs
204-270	Young's Bay WSC	Youngs Bay Habitat Assessment	\$36,580.00	Monitoring	This proposal funds stream habitat and snorkel surveys for juvenile coho in the Youngs Bay Watershed. The project is modeled after an OWEB funded assessment project conducted in the lower Nehalem in 2002. Assessment information will be used to aid the watershed council in identifying and prioritizing potential habitat restoration areas. The assessment includes winter habitat surveys in approximately 50 small, low gradient streams in the Youngs Bay watershed using ODFW survey protocols.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Clatsop County</b>					
204-277	Clatsop Coordinating Council	Effectivness Monitoring for tidal restoration	\$35,980.00	Monitoring	This project evaluates 9 tidegate replacement projects (5 already completed, 4 to be completed) for their effectiveness in restoring tidal exchange and ecological connectivity. Parameters monitored for this connection will be temperature, dissolved oxygen, turbidity and salinity. Personnel costs (staff time/wages and travel) account for 67% of the total project cost.
204-320	Upper Nehalem WSC	East Fork Humbug-Habitat Restoration	\$14,234.00	Restoration	This project would place 22 pieces of large wood into the stream and onto the floodplain at 11 selected sites on the East Fork of Humbug Creek and one of its tributaries, for a total of 4000 feet of stream treatment. Humbug Creek, entering at river mile 35, is a tributary of the Nehalem River in Clatsop County. OWEB funds would be used for harvest, transport and placement of the large wood as well as for conifer plantings on 4.2 acres of riparian area and project management costs.
204-347	Clatsop Coordinating Council	Sharnelle Fee Restoration	\$87,403.00	Restoration	This project site is located on the Klaskanine River, a tributary of the Youngs River in the lower Columbia River basin, near the city of Astoria. The project would restore tidal influence to 20 acres of bottomland and restore hydrologic connection to 30 acres of forested wetland habitat by breaching a dike in three places, plugging existing drainage ditches and enhancing historic channels. A new levee will be constructed to provide flood protection to a downstream landowner. OWEB funds are requested for the earth moving work and for a five year monitoring effort.
204-347A	Clatsop Coordinating Council	Sharnelle Fee Restoration	\$53,677.00	Restoration	Same as 204-347. Change in fund source.
204-487	Ecola Creek WSC	Little Pompey Wetland Restoration	\$15,750.00	Technical Assistance	Technical assistance is needed for The City of Cannon Beach to contract for civil engineering design assistance to prepare a final project design and a joint DSL/Army Corps of Engineers (COE) permit application for the final estuarine and wetland restoration project. The final project will be implemented on city-owned land low in the Ecola Creek Watershed on the north Oregon coast.
205-001	City of Cannon Beach	Ecola Cr Forest Reserve	\$185,000.00	Acquisition	The City of Cannon Beach, working with a "Friends" group, is proposing to acquire 120 acres of Ecola Creek habitat from Weyerhaeuser Company. The property includes roughly ¾ mile of the West and North Fork Ecola Creek waterways and will connect to 94 acres currently owned and protected by the City. All of the requested \$185,000 OWEB funds will be used for purchase of the property.
205-001A	Various	Ecola Cr Forest Reserve-Direct Costs	\$2,338.47	Acquisition	Ecola Creek acquisition direct costs, ie, AG costs, DEQ hazardous review, and review appraisals
205-004	Columbia Land Trust	Walluski River Estuary Restoration	\$107,685.00	Restoration	This project will restore full tidal function to 30+ acres of floodplain wetlands along the Walluski River, a tributary of Youngs Bay in Clatsop County. Restoration will include removal of a levee and two tidegates, recontouring of historic tidal channels and re-establishing native vegetation. Roughly 90% of the requested OWEB funds will be used for removal of the existing levee, building a new levee to protect adjacent upstream landowners and the filling of the existing drainage ditches.
99-079	Nestucca-Neskowin WSC	Nestucca-Neskowin WS Water Quality Monitoring	\$10,502.17	Monitoring	This will be a two year project to develop and implement a water quality monitoring program that will provide specific data needed to locate sources of water quality problems in the Nestucca-Neskowin Watershed. The project will develop and implement a bacteria monitoring program, develop and implement a turbidity monitoring program, continue and expand temperature monitoring, and begin shade monitoring. The project will involve writing a Monitoring Plan and developing a Quality Assurance Plan both with technical assistance from Department of Environmental Quality (DEQ). The project will be part of the council's participation in the Total Maximum Daily Load Analysis the DEQ will be developing for the watershed. Data will be collected by volunteers and the project will be coordinated and implemented by council staff.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
99-087	Crossing Boundaries Consortium	Crossing Boundaries WS Program "B"	\$21,511.33	Education	The Crossing Boundaries Watershed Program proposes to maintain and expand established Certified Study Sites through continued site development and teacher support with workshops, equipment, logistics, and regional coordinator; employment of a part-time resource staff of technicians; expanding watershed experiences to other grade levels, including high school; extending communications with community and partners to provide awareness in protecting watersheds; preparing groups of students to act as trainers of other students and adults in watershed knowledge interaction, and management principles to participate in city and watershed council assessment and monitoring projects.
99-093	Necanicum WSC	Necanicum WS Council Support (bal in 99-093FF)	\$25,576.23	Council Support	The Necanicum River is an important watershed that supports 5 species of anadromous salmonids. The Council was formed in December 1996 and has met regularly since that time. The Council operated with a volunteer coordinator for about 1 1/2 years until it received funding from GWEB for a half-time coordinator. The GWEB support grant provided the stability necessary for the Council to operate successfully. The coordinator will manage the organization and day to day administration of the Council. The coordinator will work cooperatively with landowners, and federal, state, and local agencies, and other watershed councils as necessary to expedite completion of projects without duplication of efforts. The coordinator will work with landowners and local state and federal agency representatives to assess, design, construct and complete projects to restore habitat and riparian areas damaged by animals or logging and agriculture practices.
99-093FF	Necanicum WSC	Balance from 99-093 to FF-NOAA	\$21,061.77	Council Support	Summary in 99-093. Different funding source.
99-138	CREST	1999 Clatsop Coordinating Council for WS's	\$61,440.90	Council Support	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.
99-138FF	CREST	Balance from 99-138 to FF-NOAA	\$16,702.07	Council Support	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.
99-155	Upper/Lower Nehalem WSC	Nehalem WS Health-Council/Coordinator Support	\$34,369.00	Council Support	The Nehalem Watershed Councils are requesting funding for watershed council/coordinator support through the "99-2001" Biennium. The Upper & Lower Nehalem Watershed Councils are actively involved in promoting watershed health & salmonid recovery throughout the Nehalem basin. Council support is essential to facilitate both councils activities in organization, public education outreach, partnership building, watershed assessment, action plan development, watershed health monitoring, project effectiveness monitoring, data management, project oversight, ecosystem workforce development & continued development of watershed council -project support.

## Clatsop County

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Clatsop County</b>					
99-155FF	Upper/Lower Nehalem WSC	Balance from 99-155 to FF-NOAA	\$77,056.00	Council Support	Summary in 99-155. Different funding source.
99-202	Young's Bay WSC	Young's Bay Assessment Coordinator	\$24,557.49	Assessment	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.
99-269	Clatsop SWCD	Rohne Dairy Fencing	\$11,702.56	Restoration	Project will fence cattle from a 2.7 mile (14,500 ft) section of Blind Slough, a inter-tidal area of the lower Columbia River. The Riparian buffer zone will be planted with shrubs and trees to restore and enhance riparian areas to provide rearing habitat areas for Chinook, coho, steelhead, and sea run cutthroat trout. An off-channel watering station will also be developed. Water quality will be enhanced, planting of trees will provide shading of water area that will help lower water temperatures in the summer. Erosion will be reduced, and partnerships with local watershed residences will be developed in this restoration effort.
99-281	Ducks Unlimited Inc	Sharnelle A. Fee Restoration	\$16,924.14	Restoration	The Sharnelle Fee Restoration project will restore 50 acres of tidally influenced forested wetlands and 20 acres of palustrine forested wetland, along the Claskanine River, a tributary of Young's River. An additional 30 acres of uplands with interspersed ponds will be restored on a high plateau on the north end of the property. This project will provide significant benefits to sea-run cutthroat trout and to migratory waterfowl and other wetland-dependent wildlife. Restoration of natural hydrology will be achieved by breaching the dike in several locations. One fish-friendly water control structure, allowing water management to mimic the original hydrology of the area, will provide the management component necessary to ensure the long-term success of the restoration. A levee will be constructed to provide flood protection to neighbors, while allowing the restoration of the natural hydrology within the project area.
99-331	Skipanon River WSC	Skipanon R Dam Retrofit	\$12,150.00	Restoration	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 DEQ listed Skipanon River in Clatsop County. Lightweight aluminum tide gates with 3' x 4' open fish doors will replace existing wooden gates. A tide gate lift will be developed to keep the gates entirely open during the 8-9 months of the year that river flows are low and flood control is not needed. Watershed council, volunteers and others will carry out pre-and-post monitoring.
99-332	Nicolai-Wickiup WSC	Grizzly Slough Tide Gate Modification	\$5,226.87	Restoration	This project seeks to modify the tide gate structure at Grizzly Slough as it enters Blind Slough to improve fish passage, fish habitat and water quality in Grizzly Slough. Lightweight aluminum tide gates with hinged fish doors will replace existing iron gates. A tide gate lift will be developed to keep the gates entirely open during the months of the year that river flows are low and flood/tide control is not needed. District volunteers and others will participate in pre-and-post monitoring.
<b>Clatsop County Total</b>			<b>2,391,441.86</b>		

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
200-017	Upper Nehalem WSC	NF Wolf Creek Fish Habitat Restoration	\$8,750.00	Restoration	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.
200-213	Columbia SWCD	Design/Bioengineering Assistance to 3 Watershed Councils	\$26,184.71	Technical Assistance	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.
200-229	Scappoose Bay WSC	Scappoose Bay Fish Barrier Passage Project	\$39,600.00	Technical Assistance	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.
201-004	Nehalem WSC	Nehalem Watershed Health - Upper & Lower Council Support	\$61,250.00	Council Support	The Nehalem Watershed Councils are requesting \$158,510.00 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 though out the Nehalem basin. Support is required to facilitate both councils activities which focus on building cooperation, action plan implementation and effectiveness monitoring.
201-004A	Nehalem WSC	Nehalem Watershed Health - Upper & Lower Council Support	\$6,150.00	Council Support	Same as 201-004. Change in funding source.
201-004B	Nehalem WSC	Nehalem Watershed Health - Upper & Lower Council Support	\$54,836.77	Council Support	Same as 201-004. Change in funding source.
201-009	Lower Columbia WSC	Lower Columbia River Watershed Council Support	\$14,405.22	Council Support	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.
201-009A	Lower Columbia WSC	Lower Columbia River Watershed Council Support	\$39,934.78	Council Support	Same as 201-009. Change in funding source.
201-031	Scappoose Bay WSC	Scappoose Bay Council Support	\$37,500.00	Council Support	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.
201-031A	Scappoose Bay WSC	Scappoose Bay WSC Support	\$40,002.09	Council Support	Same as 201-031. Change in funding source.

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# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
201-062	Lower Columbia River Estuary Program	Crossing Boundaries	\$37,837.89	Education	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.
201-287	Lower Columbia WSC	Estuarine Habitat Restoration/Reconnection of Clatskanie R	\$11,622.09	Restoration	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.
201-329	Scappoose Bay WSC	Scappoose Bay WS/Priority Fish Passage Correction	\$388,354.73	Restoration	The applicant proposes to correct 14 high priority fish passage barriers in the watershed identified through the barrier assessment.
201-329A	Scappoose Bay WSC	Scappoose Bay WS/Priority Fish Passage Correction Project	\$39,599.27	Restoration	Same as 201-329. Change in funding source.
201-582	OSU Research Forest	Blodgett Tract Railroad Throughfill Stabilization	\$25,589.06	Restoration	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.
203-001	Upper Nehalem WSC	Upper Nehalem Flow Management	\$29,745.00	Monitoring	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.
203-009	Steve Alexander	Merrill Cr Culvert Replacement	\$29,025.00	Restoration	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.
203-050	Scappoose Bay WSC	Milton Cr Dam Removal	\$4,035.00	Restoration	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.
203-160	Scappoose Bay WSC	Scappoose Bay WS Priority Fish Passage Correction	\$127,445.00	Restoration	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..
203-160A	Scappoose Bay WSC	Scappoose Bay WS Priority Fish Passage Correction	\$45,840.00	Restoration	Same as 203-156. Change in funding source.
203-232	Columbia SWCD	Geo-Technical Analysis for Miller & Page Cr Fish Barrier Rem	\$15,552.85	Technical Assistance	Geo-Technical Analysis for Miller & Page Cr Fish Barrier Rem
203-243	Scappoose Bay WSC	Scappoose Bay WS Fish Barrier Passage	\$32,435.72	Technical Assistance	Scappoose Bay WS Fish Barrier Passage
203-243A	Scappoose Bay WSC	Scappoose Bay WS Fish Barrier Passage	\$17,614.28	Technical Assistance	Same as 203-243. Change in fund source.
204-002	Lower Columbia WSC	Lower Columbia River WSC Support	\$14,641.95	Council Support	2003-05 Council Support for Lower Columbia River WSC
204-002A	Lower Columbia WSC	Lower Columbia River WSC Support	\$45,390.05	Council Support	2003-05 Council Support for Lower Columbia River WSC

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
204-035	Scappoose Bay WSC	Scappoose Bay WSC Support	\$17,073.17	Council Support	2003-05 Council Support for Scappoose Bay
204-035A	Scappoose Bay WSC	Scappoose Bay WSC Support	\$52,926.83	Council Support	2003-05 Council Support for Scappoose Bay
204-035B	Scappoose Bay WSC	Scappoose Bay WSC Support	\$3,497.91	Council Support	2003-05 Council Support for Scappoose Bay
204-068	Lower Columbia WSC	Fish Barrier Removal Miller/Page Creeks	\$395,115.00	Restoration	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.
204-328	Upper Nehalem WSC	Crooked Cr-Fish Passage Improvement	\$72,855.30	Restoration	Four undersized culverts on Crooked Creek, a tributary of the upper Nehalem River near the town of Vernonia, will be replaced with three bridges with funds from this proposal. The project would remove channel restrictions at the road crossings, improve fish passage and provide for the natural transport of sediment and debris. OWEB funds would be used for purchase of the pre-fabricated bridges, a small portion of the installation costs, project management, and administrative costs.
205-034	Scappoose Bay WSC	Scappoose Bay WS Priority Fish Passage Correction	\$119,679.00	Restoration	This resubmitted application proposes to correct 6 high priority fish passage barriers to meet ODFW design guidelines for passage of juvenile and adult alimonies and flow capacity. The correction of these barriers will open approximately 8 miles of potential habitat identified as refuge in the Watershed Assessment. OWEB funds would be used for contracted services including design, permitting and construction, for 3 high priority barriers on private land, hire a Fish Passage Project Coordinator and provide administrative costs.
99-105	Columbia Slough WSC	Columbia Slough WSC support-Bal in Grant 99-105FF	\$11,881.32	Council Support	The Columbia Slough remains a unique, complex, urban watershed experiencing rapid development amidst significant natural resources. This proposal provides for a full-time coordinator position and additional funding that allows the CSWC to build on its successful work to date. The project revolves around two main activities by the Council: 1) review of and participation in significant public policy activities; and 2) expanded public education and outreach. The CSWC has proven to be an important forum where the significant management challenges facing the watershed are coordinated, debated and often resolved. This proposal sustains CSWC effectiveness.
99-105FF	Columbia Slough WSC	Request from 99-105 to FF-NOAA	\$86,268.68	Council Support	Summary in 99-105. Different funding source.
99-203	Lower Columbia WSC	Lower Columbia Rvr WS Council Support 1999	\$30,371.40	Council Support	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, 1999 to June 30, 2001 for the Lower Columbia River Watershed Council. The LCRW is a 215,000 acre watershed including area in Columbia and Clatsop Counties.
99-203FF	Lower Columbia WSC	Balance from 99-203 to FF-NOAA	\$35,423.59	Council Support	Summary in 99-203. Different funding source.

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Columbia County</b>					
99-274	Lower Columbia WSC	Reconnect Westport Slough and Clatskanie River	\$49,723.41	Restoration	The LCRWC plans to reconnect the Westport Slough and the Clatskanie River. This will improve and enhance anadromous and resident fish habitat and re-establish a crucial link for fish migration. A 12 foot culvert will be placed in the dam blocking the head of the Westport slough. This will reopen the channel and re-new 9 miles of dead waterway. It will improve access to eight streams which support anadromous fish populations. Effectiveness of the project will be assessed by a water quality monitoring plan and a fish presence survey carried out over a 10 year period.
99-320	Scappoose Bay WSC	Fish Passage Barrier ID & Prioritization	\$64,350.00	Monitoring	The purpose of this project is to identify and prioritize all artificial fish passage barriers that occur in the Scappoose Bay Watershed and to develop preliminary designs and cost estimates for correction of each barrier. For each barrier identified, detailed information will be collected consistent with ODFW methods on: barrier type, outfall drop slope and other descriptive data, and fish use and habitat conditions above and below the barrier. Locations of each barrier and associated information will be incorporated into the GIS database already established as part of the watershed assessment. A technical advisory team of agency experts and stakeholders will help develop and review all aspects of the project.
<b>Columbia County Total</b>			<b>2,132,507.07</b>		

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Coos County</b>
200-032	Coos Watershed Association	Estuarine Wetland Fish Monitoring- Final Phase	\$139,242.01	Monitoring	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).	
200-036	Tenmile Lakes' Basin Partnership	Tenmile Lakes' Basin Assessment	\$40,703.16	Assessment	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, Shuttlers, 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.	
200-044	Coquille Watershed Association	South Fork Coquille Road and Landing Survey	\$45,650.00	Assessment	This project involves the survey of road systems within the South Fork Coquille Watershed and assess for fish passage, potential sediment, erosion or mass failure problems.	
200-048	Coos SWCD	Horse Intensive use Demo	\$3,256.00	Restoration	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.	
200-049	Tenmile Lakes' Basin Partnership	Tenmile Lakes Education Displays	\$3,511.00	Education	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.	
200-058A	Tenmile Lakes' Basin Partnership	Tenmile Lakes' WS Fish Passage and Sediment Abatement	\$49,727.00	Restoration	The project will replace or remove 18 fish passage and/or sediment problem structures in four subbasins (Adams, Big, Johnson, Noble Creek). These sites have been identified as priority "fixes" through the Watershed Council's Assessment. Possible solutions have been evaluated. Project Partners are Coos County Roads, Majestic Rd Committee, Lakeside Public Works, BLM, ODFW, ODOT, ODEQ, various Landowners.	
200-058B	Tenmile Lakes' Basin Partnership	Tenmile Lakes' WS Fish Passage and Sediment Abatement	\$142,351.73	Restoration	Same as 200-058A	
200-072	Coquille Watershed Association	Cherry Creek Instream Restoration	\$15,490.00	Restoration	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.	
200-073	Coquille Watershed Association	Bear Creek Restoration	\$136,405.00	Restoration	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.	
200-074	Coquille Watershed Association	Lampa Creek Sediment Abatement/Culvert Replacement	\$18,364.12	Restoration	Replace three culverts within the Lampa Creek watershed to improve fish passage and reduce sediment inputs into the Lampa Creek stream system.	
200-215	Tenmile Lakes' Basin Partnership	Fish Passage Permits 2001-02	\$3,650.00	Technical Assistance	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.	
200-218	Coquille Watershed Association	Bear Creek/Two Mile Creek Wetland Enhancement Project	\$11,200.02	Technical Assistance	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Coos County</b>
201-014	Tenmile Lakes' Basin Partnership	Tenmile Lakes Basin Partnership-Council Support 2001-2003	\$74,358.13	Council Support	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.	
201-014A	Tenmile Lakes' Basin Partnership	Tenmile Lakes Basin Partnership-Council Support 2001-2003	\$5,000.00	Council Support	Same as 201-014. Change in funding source.	
201-018	Coquille Watershed Association	Coquille Watershed Council Support 200-2002	\$56,500.56	Council Support	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.	
201-018A	Coquille Watershed Association	Coquille Watershed Council Support 200-2002	\$24,499.44	Council Support	Same as 201-018. Change in funding source.	
201-059	Coos Watershed Association	Coos Watershed Council Support	\$28,842.00	Council Support	Watershed council support for the Coos Watershed Council.	
201-059A	Coos Watershed Association	Coos Watershed Council Support	\$10,799.71	Council Support	Same as 201-059. Change in funding source.	
201-059B	Coos Watershed Association	Coos Watershed Council Support	\$34,355.53	Council Support	Same as 201-059. Change in funding source.	
201-112	Coos Watershed Association	South Coast Lowland Riparian Silvicultural Guidance	\$56,630.00	Education	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.	
201-123	Coos Watershed Association	Coos Bay Lowlands Assessment, Phase 1	\$102,578.00	Assessment	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.	
201-135	Coquille Watershed Association	Coquille Watershed Assoc. Riparian Restoration 2001	\$100,000.00	Restoration	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.	
201-135A	Coquille Watershed Association	Coquille Watershed Assoc. Riparian Restoration 2001	\$61,430.00	Restoration	Same as 201-135. Change in fund source.	
201-446	Coquille Watershed Association	Coquille Instream Enhancement 2002	\$87,285.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Coos County</b>
201-597	Coquille Watershed Association	Timber Ridge Ranch WS Enhancement Project	\$55,192.61	Restoration	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.	
201-598	Tenmile Lakes' Basin Partnership	Tenmile Lakes' Fish Passage & Sediment Abatement	\$198,086.84	Restoration	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.	
201-598B	Tenmile Lakes' Basin Partnership	Tenmile Lakes' Fish Passage & Sediment Abatement	\$47,474.39	Restoration	Same as 201-598. Additional project location.	
201-599	Coquille Watershed Association	North Fork Coquille River Enhancement	\$44,030.00	Restoration	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.	
201-612A	Coos Watershed Association	Coos WS Projects 2002 - Coal Bank Slough	\$11,029.00	Restoration	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.	
201-612B	Coos Watershed Association	Coos WS Projects 2002	\$70,082.00	Restoration	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.	
201-612C	Coos Watershed Association	Coos WS Projects 2002 - Roads	\$82,338.00	Restoration	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.	
203-028	Coos Watershed Association	Anderson Cr Restoration	\$56,718.00	Restoration	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.	
203-133	Coquille Watershed Association	Coquille WS Monitoring	\$93,036.00	Monitoring	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.	
203-137	Coquille Watershed Association	Coquille WS Project Maintenance	\$94,450.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Coos County</b>
203-142	Tenmile Lakes' Basin Partnership	Tenmile Lakes WS Riparian Enhancement & Upslope Erosion	\$90,806.95	Restoration	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.	
203-142A	Tenmile Lakes' Basin Partnership	Tenmile Lakes WS Riparian Enhancement & Upslope Erosion	\$6,684.00	Restoration	Same as 203-142. Change in funding source.	
203-142B	Tenmile Lakes' Basin Partnership	Tenmile Lakes WS Riparian Enhancement & Upslope Erosion	\$808.00	Restoration	Same as 203-142. Change in funding source.	
203-907	Coos SWCD	CREP Technical Assistance	\$44,575.19	CREP Technical Assist	CREP Technical Assistance	
204-010	Coos Watershed Association	Coos WS Assoc Support	\$20,731.71	Council Support	2003-05 Council Support for Coos WS Association	
204-010A	Coos Watershed Association	Coos WS Assoc Support	\$64,268.29	Council Support	2003-05 Council Support for Coos WS Association	
204-010B	Coos Watershed Association	Coos WS Assoc Support	\$4,702.47	Council Support	2003-05 Council Support for Coos WS Association	
204-011	Coquille Watershed Association	Coquille WS Assoc Support	\$21,237.81	Council Support	2003-05 Council Support for Coquille WS Association	
204-011A	Coquille Watershed Association	Coquille WS Assoc Support	\$65,837.19	Council Support	2003-05 Council Support for Coquille WS Association	
204-017	Tenmile Lakes' Basin Partnership	Tenmile Lakes' Basin Partnership Support	\$17,073.17	Council Support	2003-05 Council Support for Tenmile Lakes' Basin Partnership	
204-017A	Tenmile Lakes' Basin Partnership	Tenmile Lakes' Basin Partnership Support	\$52,926.83	Council Support	2003-05 Council Support for Tenmile Lakes' Basin Partnership	
204-017B	Tenmile Lakes' Basin Partnership	Tenmile Lakes' Basin Partnership Support (2001-03 C/O)	\$1,641.87	Council Support	2003-05 Council Support for Tenmile Lakes' Basin Partnership	
204-082	Coos Watershed Association	Coos Watershed Integrated Monitoring	\$52,610.00	Monitoring	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.	
204-099	Tenmile Lakes' Basin Partnership	Tenmile Lakes Watershed Fish Passage & Sediment Abatement II	\$216,036.00	Restoration	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.	
204-195	Coos SWCD	South Fork Coquille Riparian Fence & Planting	\$9,563.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Coos County</b>
204-195A	Coos SWCD	South Fork Coquille Riparian Fence & Planting	\$9,563.00	Restoration	Same as 204-195. Change in fund source.	
204-282	Tenmile Lakes' Basin Partnership	Tenmile Lakes WS Monitoring	\$74,068.00	Monitoring	This project proposes to continue watershed project effectiveness monitoring for the Tenmile Basin Partnership. Activities to be monitored include riparian and fencing projects, instream habitat improvement activities, fish passage improvement, water quality improvement measures, and stream crossing projects. Information collected will assist the Partnership in design and implementation of future restoration projects. OWEB funds are primarily for support of a monitoring coordinator and reporting.	
204-288	Ducks Unlimited Inc	Cowen/Sinko wetland restoration monitoring	\$39,586.00	Monitoring	This Ducks Unlimited project is to monitor fish usage (primarily salmonids) and movement in 2 restored tidally influenced wetlands on the south coast of Oregon. Personnel costs (staff time/wages and travel) comprise 75% of the total cost of the project.	
204-289	Coos Watershed Association	Coos WS Tide Gate Replacement / Effectiveness Monitoring	\$115,883.00	Monitoring	The project is to evaluate the effectiveness and increased fish use and movement as a result of the tidegate replacement using a new (improved) design. Personnel costs (staff time/wages and travel) is the main use of OWEB funding, approximately 55% of the total cost of the project.	
204-357	Coquille Watershed Association	North Fork Coquille Fish Passage	\$57,982.00	Restoration	Project activities would open 1.5 miles of cold water habitats to anadromous species. Two culverts will be replaced in Swayne and Wood Creeks, which are tributaries of the North Fork Coquille.	
204-357A	Coquille Watershed Association	North Fork Coquille Fish Passage	\$35,518.00	Restoration	Same as 204-357. Change in fund source.	
204-372A	Coos Watershed Association	Coos County Forest Road Sediment Reduction	\$10,503.34	Restoration	The project proposes to implement projects throughout the Coos River watershed. Fish passage projects would occur in both upper and lower watershed areas. Riparian plantings will take place on low gradient tributary and mainstem streams. Additionally sediment reduction projects would take place on high-risk roads in the Coos County Forest.	
204-372AA	Coos Watershed Association	Coos County Forest Road Sediment Reduction	\$39,506.00	Restoration	The project proposes to implement projects throughout the Coos River watershed. Fish passage projects would occur in both upper and lower watershed areas. Riparian plantings will take place on low gradient tributary and mainstem streams. Additionally sediment reduction projects would take place on high-risk roads in the Coos County Forest.	
204-372B	Coos Watershed Association	Coos WS Projects 2004	\$115,906.00	Restoration	The project proposes to implement projects throughout the Coos River watershed. Fish passage projects would occur in both upper and lower watershed areas. Riparian plantings will take place on low gradient tributary and mainstem streams. Additionally sediment reduction projects would take place on high-risk roads in the Coos County Forest.	
204-372C	Coos Watershed Association	Coos WS Projects 2004	\$112,598.00	Restoration	The project proposes to implement projects throughout the Coos River watershed. Fish passage projects would occur in both upper and lower watershed areas. Riparian plantings will take place on low gradient tributary and mainstem streams. Additionally sediment reduction projects would take place on high-risk roads in the Coos County Forest.	
204-477	Coos SWCD	CREP Tech Assistance (05-28-04 Bd Approved)	\$41,631.00	CREP Technical Assist	CREP Tech Assistance	
205-014	Tenmile Lakes' Basin Partnership	Tenmile Lakes Riparian Enhancement	\$83,584.00	Restoration	The project would enhance riparian and lakefront areas within four subbasins with native deciduous and spruce seedlings on private and Coos County roads. These areas have been identified in the Council's Watershed Assessment as having less than 50% shade and are priority areas for riparian restoration.	
205-014A	Tenmile Lakes' Basin Partnership	Tenmile Lakes Riparian Enhancement	\$715.00	Restoration	Same as 205-014. Change in fund source.	

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Coos County
205-018	Tenmile Lakes' Basin Partnership	Tenmile Lakes' WS Fish Passage & Sediment Abatement 2005	\$230,745.00	Restoration	The project proposes to remove 13 fish passage and/or sediment problem structures and place 5 large wooded structures along one mile of stream flowing through agricultural lands. Overall, the project will enhance 15 miles of essential salmonid habitats. Project sites have been identified as priority "fixes" through the Council's Watershed Assessment.	
205-018A	Tenmile Lakes' Basin Partnership	Tenmile Lakes' WS Fish Passage & Sediment Abatement 2005	\$2,014.00	Restoration	Same as 205-018. Change in fund source.	
205-024	Coquille Watershed Association	Coquille WS Riparian Project	\$97,700.00	Restoration	This project proposes to enhance approximately 15 miles of riparian area within the Coquille Watershed through constructing riparian fencing and planting native tree and plant species.	
205-024A	Coquille Watershed Association	Coquille WS Riparian Project	\$300.00	Restoration	Same as 205-024. Change in fund source.	
99-068	Coos SWCD	Coos/Coquille Ag Lands Monitoring Program	\$18,926.62	Monitoring	The Coos Soil & Water Conservation District was designated the Local Management Agency for the Oregon Department of Agriculture. One of the duties of LMA was to produce voluntary farm plans that aligned with the Coos/Coquille Agricultural Water Quality Management Plan produced by the ODA. These farm plans assist agricultural land owners in reducing their non-point contribution to water quality and degradation of salmonid habitat through implementation of a system of management practices that are determined to work best on each individual property. Monitoring needs to be initiated to determine if approved practices are reducing non point source pollution and improving habitat quality and availability on private lands. The Coos SWCD is requesting funding and support for a Monitoring Technician.	
99-069	Coquille Watershed Association	Coquille WS Association Support	\$40,829.47	Council Support	The Coquille Watershed Association is a long-standing, respected, established watershed council that was formed in 1994 and has since completed numerous watershed restoration projects. There is definite need for a full time Watershed Coordinator to maintain the CWA's level of work. The proposed project will provide funding for a full time Watershed Coordinator for two years. Furthermore this project aims to support general office and grant management activities of the Coquille Watershed Association.	
99-069FF	Coquille Watershed Association	Balance of 99-069 to FF-NOAA	\$17,591.53	Council Support	Summary in 99-069. Different funding source.	
99-070	Coquille Watershed Association	Coquille WS Instream Habitat Enhancement	\$69,778.00	Restoration	Many of the creeks within the Coquille Watershed were splash dammed in the past, subsequently removing the majority of spawning gravel and instream structure within the creeks. This project proposes to construct instream boulder weirs within 3 previously splash-dammed creeks (Big Creek, Myrtle Creek, and Middle Creek). All within the Coquille Watershed. The hydrology experts on our technical advisory team have agreed that in order to re-establish a streams bed load, boulder wiers must be used before large wood is placed within the creek. The long-term goals of this project are to recruit spawning gravel, create pools for juvenile habitat and increase stream complexity within the creeks listed.	
99-071	Coquille Watershed Association	Coquille WS Riparian Restoration	\$121,980.02	Restoration	This project will exclude livestock from approximately 18 miles of stream along tributaries of the Coquille watershed and adjoining areas. Fenced areas will be planted with a mixture of native conifers and hardwoods appropriate to the site. Livestock water systems will be provided to some sites. Sites proposed for fencing under this project are, Two mile Creek, Four mile Creek, Myrtle Creek, Big Creek and the North Fork of the Coquille River	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Coos County
99-072	Coquille Watershed Association	South Fork Coquille Assessment	\$8,978.63	Assessment	DEQ staff has worked with the federal land management agencies in the upper South Fork Coquille to begin developing TMDL'S for the federal lands. As we move through the landscape to areas predominated by private agriculture, timber, and urban ownership no immediate technical assessment mechanism to provide required information coverage is clearly defined. This project proposes to utilize funding secured through this request to partner with local interests to begin to generate the required technical assessment information for this area. This information will be utilized immediately to fill critical information gaps relating to TMDL's and ODA management planning under development now. Funding will be utilized to secure contractor services (aerial photo interpretation including - riparian condition and channel characterization) as well as support filling critical water quality data gaps. This work will complement other work in this basin.	
99-072A	Coquille Watershed Association	South Fork Coquille Assessment	\$4,487.37	Assessment	Summary in 99-072. Different funding source.	
99-113	Coos Watershed Association	Coos WS Habitat Restoration	\$350,604.00	Restoration	This project addresses limiting factors for salmonids, particularly those linked to human-caused alteration. Coos watershed supports on of the strongest coho populations in the state. Actions consist of (1) restoration of streams' hydrological and biological continuity through removal of replacement of culverts; (2) restoration of triggers to development of channel complexity and substrate retention, in streams where historic practices eliminated naturally-occurring triggers; (3) location and reduction of road -related sources of excessive sediment inputs to streams; (4) restoration of diked pastures to reinstate historic march refuge and rearing habitat; and (5) preventative action to protect existing freshwater marsh habitat from invasion by Purple Loosestrife.	
99-114	Coos Watershed Association	Coos WS Monitoring 99	\$89,587.80	Monitoring	This project funds three types of monitoring activity; ongoing monitoring of project implementation and effectiveness in accordance with standardized project monitoring protocol; monitoring of macroinvertebrate populations under direction of local ODA SB 1010 representative; and monitoring of flow rates via stream gauging stations, as recommended by local, state and federal hydrologists and watershed modeling experts at the 1997 Coos hydrodynamic modeling "summit meeting" sponsored by Coos Watershed Association in partnership with the National Oceanographic and Atmospheric Association.	
99-114A	Coos Watershed Association	Coos WS Monitoring 99	\$4,388.95	Monitoring	Summary in 99-114. Different funding source.	
99-114B	Coos Watershed Association	Coos WS Monitoring 99	\$5,565.25	Monitoring	Summary in 99-114. Different funding source.	
99-115	Coos Watershed Association	Coos WS Association - Council Support 99	\$38,115.00	Council Support	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).	
99-115FF	Coos Watershed Association	Coos WS Association - Council Support 99	\$4,235.00	Council Support	Summary in 99-115. Different funding source.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Coos County</b>
99-213	Tenmile Lakes' Basin Partnership	Tenmile Lakes' WS Assessment Project	\$19,611.72	Assessment	This project would fund a temporary project manager to work with the Watershed Council, private landowners, agencies, and volunteers to conduct a watershed assessment of the Tenmile Lakes' Watershed. This assessment will be completed by following the GWEB Assessment Manual and incorporate public, state agency, and stakeholder views through a series of public meetings. Once completed, this assessment will provide the council with recommendations for restoration and enhancement projects within the entire watershed.	
99-310	Tenmile Lakes' Basin Partnership	Tenmile Lakes Council Support 2000	\$47,678.39	Council Support	Project will support operational costs of 5 year old council. Through community involvement and education the council has successfully accomplished project development and coordination among private, local, state, and federal interests for improved watershed health of the Tenmile Lakes' Watershed. Operational costs that this project will support include; office operation, travel, staff, project development and implementation, and an educational outreach program.	
99-310FF	Tenmile Lakes' Basin Partnership	Balance of Grant 99-310 -FF- NOAA	\$20,749.80	Council Support	Summary in 99-310. Different funding source.	
99-311	Tenmile Lakes' Basin Partnership	Tenmile Lakes WS Restoration 2000	\$131,249.12	Restoration	This proposal is an integration of on-the-ground restoration projects on both private agricultural and forestlands and State Forestlands (Elliott State Forest). Approximately 6.25 miles of riparian areas on six different tributaries will be planted with native conifers, alders, and willows. Three Elliott State Forest Roads will be decommissioned. Large wood will be planted along Adams and Roberts Creek. Several Brush Mattresses will be placed on Novle Creek. Two culverts will be in Big and Robertson Creeks. A basin wide upland erosion control (seeding) program will also be implemented on State and Private Forestlands along roadsides and steep eroding slopes.	
99-372	Coos Watershed Association	Restored Estuarine Wetland Monitoring	\$79,228.00	Monitoring	In the face of the recent Endangered Species Act listings, education about watershed issues specifically the interrelated nature of industrial, agricultural, urban, forestry, and residential inputs are vitally important. This proposal would fund the purchase and use of an interactive watershed display with nonpoint source pollution, wetland, restoration, and ground water components. This display would be presented at 75 events over the next 18 months to students, farmers, community groups, and the general public.	
99-405	Coquille Watershed Association	Coquille WS Restoration 1999-2000	\$149,185.00	Restoration	This project will exclude livestock from approximately 10 miles of stream along tributaries of the Coquille River. Sites proposed under this project are located on the East Fork Coquille, South Fork Coquille, Myrtle Creek, Budd Creek, Cherry Creek, and Catching Creek. After fencing is complete, some sites will be planted with a mixture of native conifers, hardwoods, and some shrubs. Some sites will have livestock watering systems installed.	
99-405A	Oregon Correction Enterprises	Direct pay to OCE - deduct from grant 99-405	\$2,300.00	Restoration	This project will provide nursery materials and/or labor to public and private sector Grantees pursuant to watershed grants approved by OWEB.	
99-420	Coos Watershed Association	National Coastal Wetlands - State share of 99-803	\$360,000.00	Restoration	Coos-Coquille Wetlands Restoration Project.	
99-461	Coos Watershed Association	Coos Watershed Projects 2000	\$385,816.00	Restoration	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.	
99-463	Coquille Watershed Association	Coquille Watershed Association Monitoring Proj	\$28,049.08	Monitoring	Fund pre-project and post-project monitoring of the Coquille Watershed Association's instream and riparian projects using volunteers and high school students.	
99-466	Coquille Watershed Association	Coquille Watershed Culvert Replacement Proj	\$28,128.00	Restoration	Replace three culverts on Steele Creek, China Creek, and Getty's Creek.	
99-466A	Coquille Watershed Association	Coquille Watershed Culvert Replacement Proj	\$32,724.68	Restoration	Summary in 99-466. Different funding source.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

<b>Project #</b>	<b>Grantee</b>	<b>Project Name</b>	<b>Amount</b>	<b>Project Type</b>	<b>Project Summary</b>	<b>Coos County</b>
99-469	Coos Watershed Association	Coos WS Monitoring 2001-03	\$57,552.00	Monitoring	Fund the ongoing monitoring of project implementation and effectiveness for restoration projects in the Coos River Basin.	
99-803	Coos Watershed Association	National Coastal Wetlands-Part of 99-420	\$820,000.00	Restoration	National Coastal Wetlands-Part of 99-420	
<b>Coos County Total</b>			<b>6,678,909.50</b>			

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Crook County</b>
200-137	The Nature Conservancy	Lost Creek WS Restoration	\$20,130.00	Restoration	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).	
200-146	Crooked River WSC	Beaver Creek Channel Restoration Project	\$30,600.00	Restoration	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.	
200-240	Crooked River WSC	Crooked River Restoration: Shared Hydrologist	\$17,250.00	Technical Assistance	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.	
201-042	Crooked River WSC	Crooked River Watershed Council Coordinator Support	\$34,833.28	Council Support	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.	
201-042A	Crooked River WSC	Crooked River Watershed Council Coordinator Support	\$6,628.00	Council Support	Same as 201-042. Change in funding source.	
201-042B	Crooked River WSC	Crooked River Watershed Council Coordinator Support	\$32,823.59	Council Support	Same as 201-042. Change in funding source.	
201-191	Crooked River WSC	South Fork Crooked River Aquatic Habitat Inventory	\$16,304.00	Monitoring	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.	
201-204	Crooked River WSC	Crooked River Road Mitigation 2001	\$460.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
201-206	Crooked River WSC	Mill Creek In-Stream and Riparian Corridor Enhancement Proj.	\$21,928.50	Restoration	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.
201-208	Crooked River WSC	Crooked River and Shotgun/Pine Creek Improvement Project	\$14,257.00	Restoration	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.
201-341	Crooked River WSC	Crooked River Natural Resource Brochure	\$4,225.00	Education	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.
201-346	Crooked River WSC	McKay Cr Instream Habitat Improvement/ Channel Stabilization	\$4,555.90	Restoration	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.
201-349	Crooked River WSC	Duncan Crk Channel Restoration & Stream Corridor Enhancement	\$6,015.00	Restoration	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.
201-497	Deschutes Resources Conservancy	Crooked River Off Channel Water Project	\$35,880.00	Restoration	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.
201-651	Crooked River WSC	Library Outdoor Learning Center Interpretive Panels	\$3,530.00	Education	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.
201-655	Crooked River WSC	Crooked River Ecosystem Education Council	\$7,200.00	Education	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.
201-669	Crook River Weed Management Area	Upper Crooked River Weed Management Project	\$19,948.00	Restoration	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.
201-670	Crooked River WSC	McKay Cr Stream Restoration & Natural Channel Establishment	\$19,875.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Crook County
201-671	Crooked River WSC	McKay Creek Riparian Restoration	\$44,450.00	Restoration	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.	
201-672	Crooked River WSC	Mill Cr Stream Enhancement (Bauersfeld)	\$8,961.50	Restoration	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.	
201-673	Crooked River WSC	Riparian Protection & Enhancement	\$15,644.57	Restoration	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.	
203-080	Crooked River WSC	Crooked River Shared Hydrologist	\$45,500.00	Restoration	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.	
203-265	Crook SWCD	Crooked River WS Riparian & Range Improvement	\$14,195.12	Technical Assistance	Crooked River WS Riparian & Range Improvement	
204-041	Crooked River WSC	Crooked River WSC Support	\$20,731.71	Council Support	2003-05 Council Support for Crooked River WSC	
204-041A	Crooked River WSC	Crooked River WSC Support	\$64,268.29	Council Support	2003-05 Council Support for Crooked River WSC	
204-131	Crooked River WSC	Lower Crooked River Riparian Restoration	\$92,000.00	Restoration	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.	
204-133	Crooked River WSC	Marks Cr Riparian Restoration	\$53,975.00	Restoration	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.	
204-221	Crook SWCD	Pine Cr Project	\$13,233.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
204-296	Crooked River WSC	Lower Crooked River Watershed Assessment	\$84,522.00	Assessment	The assessment will address areas of the Crooked River subbasin that can support anadromous fish once downstream barriers are remedied. The project will use the OWEB manual and a local technical team to integrate information and conduct analysis of watershed conditions. The application identifies existing assessments and needed work elements. The study area includes four 5th field HUCs. The OWEB funds would be used for staff and contracted services.
204-301	Crook SWCD	Camp Cr Paired WS Juniper Control Water Quality Monitoring	\$38,609.00	Monitoring	This proposal funds monitoring the impact of western juniper harvest on water quantity and timing of flow. Following nine years of baseline monitoring, this project will monitor changes in water flow and timing in a paired watershed study. OWEB funds are primarily for monitoring equipment and instrumentation.
204-302	Crooked River WSC	L Crooked & M Deschutes Wild Scenic Rivers Flow	\$45,000.00	Monitoring	This proposal funds effectiveness monitoring for flow mitigation and restoration projects, including groundwater use and allocation. Information will also be used to quantify minimum flows needed to protect resource values. OWEB funds will be used for contracted field work - monitoring of springs and seepage.
204-392	Crooked River WSC	Little McKay Cr Stream Restoration & Natural Channel Estb	\$65,429.00	Restoration	This project would remove the post-1964 flood berms that were placed on the sides of Little McKay Creek. It would reestablish a meander pattern on a portion of the stream to reduce stream velocities where it was channelized and it will place log and boulder structures to increase fish habitat on this .75 mile length of the stream. The project is just above the confluence with McKay Creek, a tributary to the Crooked River.
204-393	Crooked River WSC	Upper Mill Cr Floodplain Restoration & Habitat Enhancement	\$44,295.00	Restoration	This project on Mill Creek above Ochoco Reservoir would remove the berms along the stream to allow the stream to connect to its floodplain during high flows, exclude livestock, increase stream habitat and do plantings on a total of two miles of stream. There are two project sites on different properties.
204-394	The Nature Conservancy	Lost Cr Reservoir & Fish Passage Project	\$84,028.00	Restoration	This project would lower the height of an earthen dam built in the 1940s and redesign its spillway to allow fish passage. The dam is located about 1.5 miles above the confluence of Lost Creek and the Crooked River. This project would be undertaken in an effort to improve dam safety, fish habitat and water quality.
204-511	Crooked River WSC	Crooked River WSC Restoration TA	\$48,810.00	Technical Assistance	Technical assistance is needed to continue funding for up to a .5 FTE hydrologist position shared with the USFS Ochoco National Forest. There are eight projects with secured funding involving stream restoration, and ten projects that need further design so funding can be sought. All of these projects have landowner approval/involvement. Most of the projects are for stream restoration, bank stabilization, or headcut repairs.
99-041	Crooked River WSC	Crook County Watershed Council Support	\$41,564.17	Council Support	GWEB support for the Crook County Watershed Council coordinator will permit the council and participants to: 1. Conduct education and outreach on the council, the Crooked River Basin, and watershed management; 2. Support regional watershed efforts; 3. Facilitate restoration and education projects; 4. Continue organizational development of the council; 5. Develop a coordinated watershed monitoring program; and 6. Continue and expand support of existing watershed education and restoration projects in the Crooked River Basin.
99-041FF	Crooked River WSC	Balance from 99-041 to FF-NOAA	\$19,435.83	Council Support	Summary in 99-041. Different funding source.
99-095	Crook SWCD	Ochoco Crk Stream Bank Restoration	\$79,722.52	Restoration	This stream bank & stream corridor restoration project is primarily a water quality project. It will enhance water quality for all fish & wildlife species & human uses. Landowners have expressed deep interest & willingness to support this project. This is the initial portion of a larger project to occur in phases each year for the next 5 to 6 years. Plans include stabilization to bank toe, shaping the banks, seed with grasses, and plant native woody shrubs.

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Crook County</b>
99-555	Crooked River WSC	Crooked Rvr Watershd Council Riparian Protctn & Enhncmnt Proj	\$37,384.00	Restoration	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.	
99-562	Crooked River WSC	Mill and Allen Creeks Stream Enhancement	\$14,500.00	Restoration	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.	
99-563	Crooked River WSC	McKay Creek Siphons	\$24,597.90	Restoration	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.	
<b>Crook County Total</b>			<b>1,297,299.88</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
200-221	Curry SWCD	Curry Technical Assistance	\$28,500.00	Technical Assistance	We need technical assistance for fish passage improvements, riparian assessments, and geomorphology/sediment evaluations. We cover 1/4 of the Oregon Coast.
200-248	Lower Rogue WSC	ODOT Mitigation Riparian Project	\$11,000.00	Restoration	To develop restoration planting areas for up-river gallery forests
201-013	Lower Rogue WSC	Lower Rogue Watershed Council Coordinator 2001-2003	\$75,400.00	Council Support	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.
201-013A	Lower Rogue WSC	Lower Rogue Watershed Council Coordinator 2001-2003	\$5,000.00	Council Support	Same as 201-013. Change in funding source.
201-022	South Coast WSC	South Coast Watershed Coordinator	\$47,000.00	Council Support	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.
201-022A	South Coast WSC	South Coast Watershed Coordinator	\$5,000.00	Council Support	Same as 201-022. Change in funding source.
201-022B	South Coast WSC	South Coast Watershed Coordinator	\$29,000.00	Council Support	Same as 201-022. Change in funding source.
201-122	Lower Rogue/South Coast WSC	Curry County Watersheds Monitoring Program	\$139,014.00	Monitoring	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.
203-237	Lower Rogue/South Coast WSC/Curry SWCD	Curry Restoration Package	\$39,120.00	Technical Assistance	Curry Restoration Package
204-014	Lower Rogue WSC	Lower Rogue WSC Support	\$17,073.17	Council Support	2003-05 Council Support for Lower Rogue WSC
204-014A	Lower Rogue WSC	Lower Rogue WSC Support	\$52,926.83	Council Support	2003-05 Council Support for Lower Rogue WSC
204-016	South Coast WSC	South Coast WSC Support	\$26,843.42	Council Support	2003-05 Council Support for South Coast, Floras Cr, Elk/Sixes, Port Orford, Euchre Cr, Hunter/Pistol, Chetco, Winchuck
204-016A	South Coast WSC	South Coast WSC Support	\$83,214.58	Council Support	2003-05 Council Support for South Coast, Floras Cr, Elk/Sixes, Port Orford, Euchre Cr, Hunter/Pistol, Chetco, Winchuck
204-016B	South Coast WSC	South Coast WSC Support	\$5,000.00	Council Support	2003-05 Council Support for South Coast, Floras Cr, Elk/Sixes, Port Orford, Euchre Cr, Hunter/Pistol, Chetco, Winchuck

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
204-086	Lower Rogue WSC	Lobster Cr Partnership & Thermal Reduction	\$2,486.00	Monitoring	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.
204-097	Lower Rogue WSC	God Wants You Fish Passage	\$21,521.50	Restoration	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.
204-287	Lower Rogue/South Coast WSC	Curry Co WS Monitoring	\$166,774.00	Monitoring	This project proposes to continue the watershed monitoring program shared by the Lower Rogue and South Coast Watershed Councils. Under this project, effectiveness monitoring would occur on 600 restoration projects implemented by the councils. Baseline and storm related water quality data in all the counties major watersheds would continue to be collected. Additionally, forty five miles of private road would be surveyed for sources of sediment. The information collected helps the council play an active role in the development of local TMDL's and WQMP's. OWEB funds are primarily for project staff and sampling collection and analysis.
204-450	Lower Rogue/South Coast WSC	Rogue Coast Outreach & Ed	\$93,300.00	Education	The project proposes to implement a comprehensive education and outreach program featuring seven different components designed to educate people (especially youth) on their watershed. The project will encompass one fourth of the Oregon Coast and includes ten watersheds.
99-003	South Coast WSC	South Coast Watershed Coordinator	\$65,475.00	Council Support	This position serves 7 watershed councils on the Southern Oregon Coast: Floras Creek, Elk/Sixes, Port Orford, Euchre Creek, Hunter/Pistol, Chetco and Winchuck Rivers. The coordinator also directs the South Coast Watershed Council, a county-wide watershed council that oversees our comprehensive restoration strategy for restoring salmon and steelhead runs in Curry County.
99-010	South Coast WSC	Tech Assess Lwr Chetco WQ Mgmt Plan	\$20,050.00	Assessment	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.
99-010A	South Coast WSC	Tech Assess Lwr Chetco WQ Mgmt Plan	\$4,214.00	Assessment	Summary in 99-010. Different funding source.
99-066	Lower Rogue/South Coast WSC	S Coast/L Rogue Inventory/Monitoring Restoration Priorities	\$70,719.00	Monitoring	We propose to inventory roads for landowners and provide restoration treatment recommendations for high priority sites based on sediment delivery and aquatic habitat value. Temperature monitoring and low flow measurements will be provided to eight watershed councils to support riparian restoration decisions and water quality management planning. Channel characteristics and shade will be measured along reaches upstream from the temperature sites. The program manager will work with watershed councils to gather existing background data and prepare Quality Assurance/Quality Control Plans when needed to address a variety of emerging water quality issues.
99-067	Lower Rogue WSC	Lower Rogue Sediment Reduction	\$30,948.00	Restoration	This project consists of reducing sediment generation above spawning grounds, rearing habitat and the migration corridor in the Lobster Creek sub-watershed, which has the highest productivity of salmonids in the Lower Rogue Watershed. The sediment reduction is accomplished through; replacing stream crossing culverts that have a high probability of failure; and removing unstable road sidecast material to prevent fillslope failure.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

<b>Project #</b>	<b>Grantee</b>	<b>Project Name</b>	<b>Amount</b>	<b>Project Type</b>	<b>Project Summary</b>	<b>Curry County</b>
99-460	South Coast WSC	South Coast Watershed's Streamflow Assessment	\$20,768.00	Assessment	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.	
99-488	Oregon Wildlife Heritage Foundation	South Coast Salmonid Hab Rest Proj Phase IV	\$83,130.01	Restoration	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.	
<b>Curry County Total</b>			<b>1,143,477.51</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Deschutes County</b>					
200-127	Upper Deschutes WSC	Upper Deschutes Water Quality Specialist	\$55,835.46	Monitoring	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.
200-133	The Central Oregon Flyfishers	Kokanee Karnival Youth Education Program	\$5,767.43	Education	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.
200-133A	The Central Oregon Flyfishers	Kokanee Karnival Youth Education Program	\$1,732.57	Education	Same as 200-133. Change in fund source.
200-145	Deschutes Resources Conservancy	Deschutes Water Bank	\$55,000.00	Restoration	The Deschutes Basin Resources Conservancy will establish a Deschutes Water Bank to efficiently transfer water for the region's needs while improving instream flows.
200-152	Tumalo Irrigation District	Tumalo Water Conservation Project Group	\$200,000.00	Restoration	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.
201-043	Upper Deschutes WSC	Council Support Project Upper Deschutes Watershed Council	\$105,446.00	Council Support	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.
201-043A	Upper Deschutes WSC	Council Support Project Upper Deschutes Watershed Council	\$13,322.00	Council Support	Same as 201-043. Change in funding source.
201-214	Deschutes SWCD	Deschutes Corridor Weed Free Zone	\$32,000.00	Restoration	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.
201-344	Upper Deschutes WSC	Upper Deschutes Sub Basin Assessment	\$48,308.06	Assessment	The project proposes to conduct an assessment of the physical, biological and social components of the watershed in order to provide a scientific framework to guide watershed management decisions.
201-344A	Upper Deschutes WSC	Upper Deschutes Sub Basin Assessment	\$7,568.94	Assessment	Same as 201-344. Change in fund source.
201-345	Tumalo Irrigation District	Tumalo Water Conservation Project Group	\$200,000.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Deschutes County</b>
201-350	Deschutes SWCD	Fryrear Pipeline Conservation Project	\$120,983.00	Restoration	This project proposes to pipe approximately 17,500 feet of Fryrear Ditch and transfer 1.5 cfs to an instream water right.	
201-494	Deschutes SWCD	Living on a Few Acres Improving Land Mangement Practice	\$30,451.00	Education	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.	
201-653	Wolfree Inc	Deschutes Basin WS Education	\$30,000.00	Education	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.	
203-083	Tumalo Irrigation District	Tumalo Water Conservation Phase III Pipeline 1B	\$200,000.00	Restoration	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.	
203-167	Upper Deschutes WSC	Community Rivers Education & Outreach Program	\$41,800.00	Education	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.	
203-170	Deschutes Resources Conservancy	Deschutes Wetlands Initiative Phase I	\$13,496.00	Assessment	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.	
203-173	Deschutes SWCD	Achieving Irrigation Efficiency for Upper Deschutes Basin	\$16,122.00	Education	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.	
203-181	Upper Deschutes WSC	McKenzie Canyon Black Butte Assn Canals Pipeline Phase I	\$164,000.00	Restoration	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.	
203-254	Deschutes SWCD	Technical Assistance for Deschutes & Jefferson SWCDs	\$60,000.00	Technical Assistance	Technical Assistance for Deschutes & Jefferson SWCDs	
203-256	Upper Deschutes WSC	Log Deck Park Riparian & Wetland Restoration	\$38,298.82	Technical Assistance	Log Deck Park Riparian & Wetland Restoration	
204-047	Upper Deschutes WSC	Upper Deschutes WSC Support	\$25,240.97	Council Support	2003-05 Council Support for Upper Deschutes WSC	
204-047A	Upper Deschutes WSC	Upper Deschutes WSC Support	\$78,247.03	Council Support	2003-05 Council Support for Upper Deschutes WSC	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Deschutes County</b>					
204-127	Wolfree Inc	Deschutes Basin WS Education	\$30,000.00	Education	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.
204-224	Tumalo Irrigation District	Tumalo Water Conservation Phase IV	\$200,000.00	Restoration	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 waterright and 11.3 cfs of junior waterrights will be converted to instream waterrights. This water will remain in Tumalo Creek and therefore contribute to flows in the Middle Deschutes River.
204-303	Upper Deschutes WSC	Upper Deschutes Water Quality Monitoring/TMDL/Implementation	\$63,950.00	Monitoring	This proposal supports TMDL development and implementation, coordinates regional monitoring activities, and develops a volunteer monitoring program in the sub-basin. The proposal extends funding for a Water Quality Specialist position at the UDWC who implements the Framework for Regional, Coordinated Monitoring in the Middle and Upper Deschutes River Basin to facilitate the efficient collection, exchange and analysis of the various sets of data in the sub-basin.
204-458	The Central Oregon Flyfishers (COF)	Kokanee Karnival Youth Education Program	\$14,850.00	Education	This eight-year-old program provides field trips to fish hatcheries and to observe naturally spawning kokanee. It also provides classroom equipment for egg incubation, a streamside angling clinic and supervision of a classroom community stewardship project. The program reaches 30 classrooms in central Oregon involving 1,000 students, teachers and parents.
204-508	Upper Deschutes WSC	Lake Cr Restoration Design	\$28,650.00	Technical Assistance	Technical assistance is needed to develop a design to reshape a 600-foot stretch of the Metolius River, which was altered to create a pond and is therefore a fish passage barrier. The new design would restore fish passage and create a stream channel type consistent with the upper reaches of the stream, restoring habitat and stream stability through bioengineering. With the agreed to plan to reintroduce anadromous fish above the Pelton/Round Butte Hydroelectric Project, this stream will play a major part in providing spawning and rearing habitat.
204-521	Willow Creek WSC	Natural Channel Design for Newbill Cr	\$22,410.00	Technical Assistance	Following the 1964 flood, Newbill Creek was straightened and bermed. This concentrated the stream energy in the channel causing the stream to downcut, lowering the water table, and changing the plant communities. Technical assistance is needed to design re-configuration of the channel for two miles of stream to its historic pattern and remove most of the berms so the stream can have access to the floodplain.
204-522	Jefferson SWCD	Opal Springs Fish Passage Engineering Design	\$50,000.00	Technical Assistance	Technical assistance is needed to provide funding for an engineer to design fish passage facilities at Opal Springs where there is a 30 foot hydroelectric power dam operated by the Deschutes Valley Water District. The dam is located about .5-mile upriver from Lake Billy Chinook, a reservoir created behind the Pelton/Round Butte hydroelectric facility. With the re-licensing of Pelton/Round Butte, an agreement has been reached to make improvements necessary to reintroduce anadromous fish above Lake Billy Chinook. This project would provide the design necessary to allow fish passage upstream and downstream into the Crooked River Watershed.
205-053	Upper Deschutes WSC	Tumalo Cr Restoration: Phases III & IV	\$174,102.00	Restoration	This project would stabilize 2.2 miles of Tumalo Creek where it burned in 1979. The loss of stabilizing vegetation has resulted in severe channel erosion, instability, channel incision and loss of fisheries habitat. The first .6 mile of this reach are currently undergoing restoration.
205-053A	Upper Deschutes WSC	Tumalo Cr Restoration: Phases III & IV	\$6,673.00	Restoration	Same as 205-053. Change in fund source.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Deschutes County</b>
99-106	Upper Deschutes WSC	Deschutes WS Council Support (Bal in 99-106FF)	\$42,865.02	Council Support	This project will fund the continuation of a full-time watershed coordinator in the Upper Deschutes River watershed, Deschutes River Basin. Funding the council coordinator will allow the council to continue the design, implementation, and monitoring of watershed management projects, seek grants for funding, complete action plans and assessments underway, and continue community outreach, coordination, and education efforts in the basin. Without staff support, the citizens who volunteer their time on the board and committees are likely to become overwhelmed with the effort of keeping a council running. A coordinator will help assure become overwhelmed with the effort of keeping a council running. A coordinator will help assure that the council continues to attain its goals targeted at restoring the health of their watershed through "cooperative, voluntary efforts with watershed landowners, residents, and other interested parties."	
99-106FF	Upper Deschutes WSC	Balance from 99-106 to FF-NOAA	\$63,517.98	Council Support	Summary in 99-106. Different funding source.	
99-295	Upper Deschutes WSC	U. & Little Deschutes Assessments/Action Plan	\$54,693.88	Assessment	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.	
99-327	Oregon Water Trust	Squaw Ck Gauging Station	\$12,627.94	Monitoring	In order to effectively monitor the instream water rights on Squaw Creek near Sisters, a continuous recording gauging station is necessary in that reach. The applicant is requesting funds to purchase the gauge shelter materials and instrumentation necessary for continuous measurement of stream stage as well as to install satellite telemetry for real-time data acquisition. We are proposing an additional upgrade to the existing gauging station upstream of all diversions to satellite telemetry. Oregon Water Resources Department will operate and maintain the gauging stations, compile the data that is collected and produce a stream flow record. The U.S. Bureau of Reclamation will allow the sites access to their Hydrometer system to be sent out on the internet.	
99-546	The High Desert Museum	Summer Watershed Ed Wkshp: "Water in the Desert?"	\$3,516.87	Education	Fund a three-day workshop to train 25 teachers in how to apply national environmental education curricula to local watershed issues.	
99-565	Upper Deschutes WSC	Upper Deschutes Watershed Stream Bank Stabilization	\$17,667.00	Restoration	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.	
99-566	Deschutes Resources Conservancy	Cloverdale Ditch Piping Project	\$100,000.00	Restoration	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.	
<b>Deschutes County Total</b>			<b>2,429,142.97</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
200-043	Umpqua Basin WSC	Umpqua Basin Assmt/Action Plan, Phase II	\$98,305.44	Assessment	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.
200-050	Douglas SWCD	Umpqua Basin Irrigation Management Workshops	\$3,447.00	Education	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.
200-060	Umpqua Basin WSC	Umpqua Basin Riparian Fencing/ Planting Project	\$16,921.00	Restoration	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.
200-063	Umpqua Basin WSC	Ditch Stock Water- UBWC	\$3,999.00	Restoration	This project provides alternative stock water to two landowners who have fenced livestock from Wood, Windy and Quines Creeks.
200-065	Umpqua Basin WSC	Fishery Biologist Support 2001-2003	\$20,000.00	Restoration	This project proposes to continue the funding for Sam Dunnivant, 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.
200-069	Umpqua Basin WSC	Upper Smith Salmon Restoration, Phase 2	\$441,835.19	Restoration	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.
200-216	Umpqua SWCD	CREP Technician	\$25,000.00	Technical Assistance	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.
200-222	Douglas SWCD	DSWCD/UBWC Joint Technical Assistance Projects	\$36,000.00	Technical Assistance	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.
200-259	Oregon Water Trust	Calapooya Creek Drought 2001 Response Project	\$18,313.00	Acquisition	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.
201-012	Umpqua Basin WSC	Council Support-UBWC	\$75,000.00	Council Support	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Douglas County</b>
201-126	Umpqua Basin WSC	Dumont Watershed Restoration - Phase 3	\$96,750.00	Restoration	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.	
201-129	Umpqua Basin WSC	Fate Creek Restoration	\$6,780.00	Restoration	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.	
201-129A	Umpqua Basin WSC	Fate Creek Restoration	\$6,780.00	Restoration	Same as 201-129. Change in fund source.	
201-130	Umpqua Basin WSC	Middle Cow Creek Sub-basin Fish Passage Project	\$10,410.00	Restoration	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.	
201-130A	Umpqua Basin WSC	Middle Cow Creek Sub-basin Fish Passage Project	\$4,500.00	Restoration	Same as 201-130. Change in fund source.	
201-131	Umpqua Basin WSC	Starveout Creek Enhancement Project	\$4,508.00	Restoration	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.	
201-131A	Umpqua Basin WSC	Starveout Creek Enhancement Project	\$3,000.00	Restoration	Same as 201-131. Change in fund source.	
201-132	Umpqua Basin WSC	Norton Creek Fish Passage Project	\$20,475.00	Restoration	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.	
201-133	Umpqua Basin WSC	Sylman Valley Creek Restoration	\$19,782.00	Restoration	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.	
201-302	Douglas SWCD	Watershed Education and Management Planning Project	\$51,964.00	Education	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.	
201-304	Umpqua SWCD	Lower Umpqua Basin Water Quality Monitoring Program	\$14,164.47	Monitoring	The applicant intends to initiate a water quality monitoring program to gather baseline data on water bodies within the District.	
201-312	Umpqua Basin WSC	Jack Creek Culvert Replacement	\$7,665.00	Restoration	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.	
201-436	Douglas SWCD	Livestock & Pasture Management Planning	\$10,147.59	Education	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.	
201-442	Umpqua Basin WSC	Umpqua Basin Streamflow Assessment	\$51,760.09	Assessment	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Douglas County
201-449	Umpqua Basin WSC	Clover Creek Instream	\$67,930.00	Restoration	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.	
201-574	Siuslaw WSC	Esmond Cr Basin Instream Habitat Improvement Project	\$25,852.50	Restoration	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.	
201-595	Douglas SWCD	Umpqua Basin Fish Barrier Identification & Prioritization	\$30,800.00	Assessment	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.	
201-604	Umpqua Basin WSC	Oldham Creek - Gill	\$13,703.00	Restoration	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.	
201-606	Umpqua Basin WSC	Big Creek Structure Placement	\$25,850.00	Restoration	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.	
201-607	Umpqua Basin WSC	Cavitt Creek Restoration	\$113,850.00	Restoration	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.	
201-609	Umpqua Basin WSC	Catching Creek Structure Placement	\$11,619.85	Restoration	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.	
201-610	Umpqua Basin WSC	Weatherly Creek Structure Placement	\$9,187.00	Restoration	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.	
201-729	Umpqua Basin WSC	Cavitt Creek Road Restoration	\$334,110.00	Restoration	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. Road-related restoration in the Cavitt creek area of the Little river watershed. Install 2 box culverts, 3 open bottom arches and 2 embedded pipe arches.	
203-015	Umpqua Basin WSC	WS Assessment & Action Plan Phase III	\$31,557.84	Assessment	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.	
203-019	Umpqua Basin WSC	Fate Cr Culvert Replacement	\$9,932.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Douglas County
203-025	Douglas SWCD	Champagne Cr Riparian Enhancement	\$11,413.00	Restoration	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.	
203-027	Douglas SWCD	Booke Wetland Restoration	\$39,722.00	Restoration	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.	
203-135	Umpqua Basin WSC	Umpqua Basin WS Assessment & Action Plan Phase III	\$32,435.38	Assessment	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.	
203-138	Douglas SWCD	Gibby Riparian Protection & Enhancement Project	\$17,788.00	Restoration	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.	
203-266	Umpqua Basin WSC	South Umpqua ODOT Mitigation project	\$113,800.00	Restoration	Stouts Creek instream habitat, Woodford Creek fish passage and Fords Bridge riparian plantings projects.	
203-268	Oregon Water Trust	Calapooya Creek Drought Response 2003 Project	\$17,000.00	Acquisition	Calapooya Creek Drought Response 2003 Project	
203-905	Umpqua SWCD	CREP Technical Assistance	\$40,319.00	CREP Technical Assist	CREP Technical Assistance	
204-018	Umpqua Basin WSC	Umpqua Basin WSC Support	\$23,489.76	Council Support	2003-05 Council Support for Umpqua Basin WSC	
204-018A	Umpqua Basin WSC	Umpqua Basin WSC Support	\$72,818.24	Council Support	2003-05 Council Support for Umpqua Basin WSC	
204-021	Smith River & Elk Cr WSCs	Smith River & Elk Cr WSCs Support	\$8,720.73	Council Support	2003-05 Council Support for Smith River, Elk Cr WSCs	
204-021A	Smith River & Elk Cr WSCs	Smith River & Elk Cr WSCs Support	\$27,034.27	Council Support	2003-05 Council Support for Smith River, Elk Cr WSCs	
204-021B	Smith River & Elk Cr WSCs	Smith River & Elk Cr WSCs Support	\$6,745.00	Council Support	2003-05 Council Support for Smith River, Elk Cr WSCs	
204-100	Umpqua Basin WSC	Structure Placement 2003-Umpqua Basin	\$30,870.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
204-100A	Umpqua Basin WSC	Structure Placement 2003-Umpqua Basin	\$130.00	Restoration	Same as 204-100. Change in fund source.
204-103	Umpqua Basin WSC	Fish Passage 2003-Umpqua Basin	\$119,938.00	Restoration	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.
204-103A	Umpqua Basin WSC	Fish Passage 2003-Umpqua Basin	\$1,450.00	Restoration	Same as 204-103. Change in fund source.
204-190	Douglas SWCD	Lower Doerner Cr Riparian Enhancement	\$58,347.00	Restoration	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.
204-191	Douglas SWCD	Gilliland Ag BMP Demonstration	\$28,369.00	Restoration	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.
204-192	Douglas SWCD	Lookingglass Cr Riparian Enhancement	\$26,626.00	Restoration	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.
204-196	Umpqua Basin WSC	Letitia Cr Stream Enhancement	\$9,050.00	Restoration	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.
204-279	Umpqua Basin WSC	Watershed Assessment & Action Plan Phase 4	\$75,300.00	Assessment	The project would fund the final Phase of the Umpqua Basin Watershed Councils watershed assessment process. Four 5th field HUCs will be evaluated, Lower Umpqua, Middle Umpqua, Upper Umpqua, Mill Creek, and Rock Creek watersheds. Assessments and action plans will identify and prioritize key project locations and watershed improvement methods to improve fish habitat and water quality conditions for five areas comprising over 516,400 acres. The budget is primarily for staffing and contracting.
204-290	Umpqua SWCD	Lower Umpqua Basin Water Quality Monitoring Phase 2	\$19,085.00	Monitoring	This proposal is part of a three phase water quality assessment program. Phase 1 was assessment, Phase 2 is implementation of agricultural management practices and Phase 3 will be the assessment of management practices effectiveness. Indicators evaluated include stream morphology and substrate, water quality, stream shade, and riparian land use. Effectiveness monitoring is tied to AWQMP implementation.
204-358	Umpqua Basin WSC	Lost Cr Structure Placement	\$8,350.00	Restoration	One mile of salmonid spawning and rearing habitats will be improved through the placement of log and boulder structures at 20 sites on the stream. Lost Creek is a tributary of the mainstem Umpqua River.
204-359	Umpqua Basin WSC	Myrtle Cr Tributaries Fish Passage	\$20,600.00	Restoration	The project proposes to replace three culverts in the Myrtle Creek Subbasin. A habitat of 4.5 miles will be opened up for both juvenile and adult salmonids. Myrtle Creek is a tributary of the South Fork Umpqua River.
204-360	Umpqua Basin WSC	Big Tom Folley Structure Placement Phase 3	\$9,100.00	Restoration	The project proposes to place log and boulder structures at 38 sites in the mainstem Big Tom Folley Creek and the North Fork Big Tom Folley Creek. In addition, road decommissioning will occur on 1.69 miles of road.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
204-371	Umpqua Basin WSC	Paradise Cr Tributaries Stream Enhancement	\$13,850.00	Restoration	The project proposes to place log structures in Horse Creek. One mile of spawning and rearing habitat would be enhanced at 12 sites. On Bear Willow Creek a fish passage barrier would be replaced opening up one and a quarter miles of habitat. The project is located in the Paradise Creek subbasin in the Umpqua River watershed.
204-446	Douglas SWCD	Watershed Education & Planning Project	\$48,310.00	Education	The project proposes to continue the success of OWEB project # 201-302. It targets high school students and their educators in a mix of classroom educational components, and by practical on-the-ground experience. Restoration proposals are generated through this process. There are 143 students scheduled to participate under the current program with an additional 120 over the next year.
204-476	Umpqua SWCD	CREP Tech Assistance (05-28-04 Bd Approved)	\$40,510.00	CREP Technical Assist	CREP Tech Assistance
205-013	Douglas SWCD	L Dixon Cr Riparian Enhancement	\$25,837.00	Restoration	The project proposes to enhance a 600-acre property that includes part of Dixon Creek. Enhancement activities include the installation of riparian fencing, riparian planting, stockwater development and two stream crossings for livestock. Completion of this project will mean the entire sub-watershed has been treated with riparian BMPs.
205-015	Umpqua Basin WSC	Boulder Cr Instream Restoration	\$98,000.00	Restoration	The project would be the final phase in restoring large wood to Boulder Creek. Five types of native anadromous species use Boulder Creek. It is a Tier 1 key watershed and is identified as the highest restoration priority in the South Umpqua. When completed large wood would be restored back along eight miles of Boulder Creek, two miles of Slick Creek and one mile of Pinnacle Creek.
205-016	Umpqua Basin WSC	U Umpqua WS Phase I	\$114,081.00	Restoration	The project proposes to coordinate and implement instream and sediment reduction projects that address watershed concerns across multiple ownership boundaries. The goal is to place log and boulder structures in approximately five miles of spawning and rearing habitats and improve nine miles of roads in Hubbard Creek. The project areas provide critical spawning and rearing habitats for salmonids.
205-019	Douglas SWCD	Mill Cr Riparian Enhancement	\$15,788.00	Restoration	The project proposes to enhance a 400-acre property that includes part of Mill Creek and an unnamed tributary. Project activities include riparian fencing, riparian planting, stockwater development and two livestock stream crossings.
205-021	Smith River WSC	S Sisters Enhancement	\$31,115.00	Restoration	This project proposes to enhance instream habitats in South Sister's and Bum Creeks. Approximately 50 sites will have log and boulder structures placed. Project work will improve 2.5 miles of spawning and rearing habitats in the two streams.
99-021	Umpqua Basin WSC	UBWC Council Support	\$75,000.00	Council Support	Provide support for the operation of the Umpqua Basin Watershed Council. This includes salary for a full-time coordinator and necessary support, such as mileage, per diem, film and development, postage, copies and printing, supplies and telephone.
99-022	Umpqua Basin WSC	Fishery Biologist Support to the UBWC	\$73,500.00	Restoration	This project proposes to fund a fisheries biologist, to assist the Watershed Council to meet its obligations for Watershed Enhancement under the Oregon Plan. If funded, the biologist would be the on-the-ground contact with landowners, primarily agriculture, in support of the WC and ODFW, who would provide administrative support. Funding is being sought for the biennium, 1999-2001.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
99-024	Umpqua Basin WSC	Umpqua Stream Temperature WQMP Development	\$20,000.00	Assessment	This project provides for the development of temperature WQMPs/TMDLs for about 1,200 square miles of the Umpqua River system (25%). Target watersheds include Elk Creek (in N. Douglas) Calapooya, and about 600 square miles of the lower S. Umpqua. A detailed empirical model will be developed from synoptic data collected from each watershed. Variability in the data will be reconciled in terms of potential effective shade, location in the watershed, channel morphology and ground water contribution. This information will be compiled into an assessment report, which will be presented to the stakeholders and will serve as a base for the development of the WQMPs and TMDLs. The expected end result is improved water quality and aquatic habitat through better land management and restoration.
99-058	Umpqua SWCD	Dawson Wetland Restoration Project	\$100,000.00	Restoration	The purpose of this project is to build a new levee to protect 75 acres of private property, restore 25 acres of estuarine wetlands. The project will require removing portions of the existing damaged Dawson levee and the levee around Stowe Marsh that is owned by Oregon Department of Fish and Wildlife for the construction of the new Dawson levee. Removing the levee around the 25 acres of Stowe Marsh will increase the tidal influences. There is currently an opening for tidal flushing, which has restricted the flow of moving water in and out of Stowe Marsh. After the project is complete, the Dawson's will donate the 25 acres of restored estuarine wetlands to ODFW.
99-058A	Umpqua SWCD	Dawson Wetland Restoration Project-Phase III	\$98,998.04	Restoration	Summary in 99-058. Different funding source.
99-139	Umpqua Basin WSC	Morgan Creek (Dean Bright)	\$4,000.00	Restoration	This project on Morgan Creek, tributary to the South Umpqua River, will install two rock weirs and rock bank reinforcement to solve a fish passage problem. At the lower end of the property there is a 7-ft rectangular culvert under a road that is causing bank erosion and channel downcutting on the downstream side. At the exit point there is a 20" outfall that has been identified as a fish barrier. Rock bank reinforcement and a pair of weirs is suggested to eliminate the drop and restore this area to a stable condition usable by fish.
99-180	Rogue Valley COG	Bear Creek Monitoring Project	\$59,566.56	Monitoring	This project proposes to continue to improve our current monitoring program based on guidance we have received from ODEQ, the Bear Creek Watershed council and the Bear Creek TMDL committee. The approach will increase our capacity and allow us to be more responsive to the monitoring needs identified in the Bear Creek Watershed Assessment and the Bear Creek Water Quality Monitoring Plan. This proposal involves improving our capacity in 4 key areas: Implementing a "Quick Response System" for field identification of "hot-spot" areas; Develop a "Coordinated Response System" with our partners; Improve and standardize our "Data Inventory and Analysis Methods;" and meet our monitoring priorities as identified in our existing and future plans (I.e. such a Water Quality Management Plans).
99-180A	Rogue Valley COG	Bear Creek Monitoring Project	\$34,114.44	Monitoring	Summary in 99-180. Different funding source.
99-289	Umpqua Basin WSC	Stanton Ranch Stock Water	\$3,462.00	Restoration	ODFW has provided fencing materials and the Stantons have provided the labor to exclude livestock from their property along North Myrtle Creek. This project proposes to install a stock water system from Skunk Gluch Creek and Wrights Creeks to augment the fencing. Water will be withdrawn through spring cisterns and piped through PVC 1" pipe to stock tanks with float valves. This project also proposes to install two culverts for livestock and landowner access. The landowner will do much of the labor and equipment operation as an in-kind contribution.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Douglas County</b>
99-291	Umpqua Basin WSC	Giese Ditch	\$27,009.00	Restoration	This ditch originates at a six-foot high diversion structure in N. Myrtle Creek on the Lund property. The second downstream users are Lindley and Lois Stanton. The water right priority date is March 9, 1970. The ditch originally served one property owned by Floyd F. Giese. The proposal is to remove the dam structure; change the point of diversion for both landowners; and switch from flood irrigation to sprinkler irrigation. The net result is improved fish passage and a return of 0.39 CFS of water to instream.	
99-292	Umpqua Basin WSC	Chrisman Ditch	\$16,322.00	Restoration	This irrigation ditch, used to flood irrigate 23 acres, diverts 0.33 CFS of water from the lower end of Quines Creek. The ditch has a priority date of 1869. Emily Kardis is the current landowner and the property is managed by her nephew John Hayden. The diversion is a gravel push-up dam, spanning the width of Quines Creek. The proposal is to remove the dam, install a pump in Quines Creek; bury the mainline pipe in the ditch; and change to sprinkler irrigation.	
99-301	Umpqua Basin WSC	Wood Ditch	\$14,733.00	Restoration	The landowner has been flood irrigating 26.8 acres from an 1894 decreed water right off Wood Creek. The water right authorizes the diversion of 0.46 CFS to the wood ditch. The diversion for this ditch is down stream from the Nail Ditch (Diltz). The proposal is to remove the gravel push-up dam structure from Wood Creek and change the point of Windy Creek, near the confluence of Wood Creek. The proposal further seeks grant funding to install pumping equipment to convert to sprinkler irrigation.	
99-302	Umpqua Basin WSC	Nail Ditch	\$15,728.00	Restoration	The landowner has been flood irrigating and watering livestock on an 1872 decreed water right off Wood Creek. This right is for 11.8 acres, ( 0.169 CFS or 76 gpm). This requires a gravel push-up dam in Wood Creek to divert water to the ditch. The proposal is to remove the push-up dam and enlarge the ditch inlet at the diversion to create an off-channel alcove for winter refugia for coho, winter steelhead and cutthroat trout. The proposal is to move the point of diversion to a created sump below the house and pump directly from the sump to the pasture with sprinkler irrigation.	
99-303	Umpqua Basin WSC	S. Myrtle Ditch Phase 2	\$45,818.00	Restoration	This project proposes to remove a 14 foot high diversion structure in South Myrtle Creek, a tributary to Myrtle Creek and the South Umpqua River. The structure is the point of diversion for water rights for 7 landowners. The accumulated water rights are 2.5 CFS. This project is partially funded by FWS, R & E, the Umpqua Fisheries Enhancement Derby, BLM, the Joe Merchep Umpqua River foundation and others. Phase 2 proposes to include costs for the seventh landowner (Dick & Sandy Graf) who were inadvertently omitted in the first round of funding. Costs for a certified water rights examiner were more than originally budgeted for the this is a critical first step to implementation of the project. Landowner Deam needs two smaller pumps as opposed to one large, 40 h.p. pump which increased costs for power extensions and drops. Other unanticipated expenses are included and identified in T7 and in the budget sheet.	
99-304	Umpqua Basin WSC	Clover Cr Riparian Restoration	\$95,931.00	Restoration	This tributary to the North Umpqua flows through 90% agriculture lands. Much of the pasture land was created 80 years ago by clear cutting all vegetation to the creek bank. Eight miles of fencing is proposed to exclude cows, sheep and horses from the creek. Bridges, culverts and hardened crossings will be installed to facilitate livestock and landowner access to fenced pastures. The watershed council recently received \$50,000.00 (GWEB Project #97-830) in seed money to purchase equipment, supplies and materials for the project. These Dollars are Exxon Valdez mitigation funds routed through EPA. Twenty years ago this stream harbored steelhead and cutthroat trout, but lacking livestock exclusion, the stream banks cannot recover. The last 1/2 mile of Clover Creek near the confluence with the North Umpqua is heavily vegetated, indicating that recovery is possible.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Douglas County
99-491	Douglas SWCD	Joyce River Bank Stabilization & Riparian Establishment Proj	\$14,047.00	Restoration	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.	
99-493	Umpqua Basin WSC	Wood Creek Culvert Replacement & Habitat Restoration	\$13,398.53	Restoration	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.	
99-493A	Umpqua Basin WSC	Wood Creek Culvert Replacement & Habitat Restoration	\$13,914.00	Restoration	Summary in 99-493. Different funding source.	
99-494A	Umpqua Basin WSC	Windy Creek Streamflow Enhancement Project	\$27,051.00	Monitoring	Restore water flow in Windy Creek through improved water use efficiency. Install flow meters to insure compliance with water rights. Fund resource specialists to work with water users to implement efficient irrigation practices.	
99-497	Umpqua Basin WSC	Umpqua Stream Temperature Characterization 2000	\$14,630.00	Monitoring	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.	
99-498	Umpqua Basin WSC	Umpqua Basin Watershed Assessment & Action Plan, Phase I	\$88,416.38	Assessment	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.	
99-498A	Umpqua Basin WSC	Umpqua Basin Watershed Assessment & Action Plan, Phase I	\$38,227.62	Assessment	Summary in 99-498. Different funding source.	
99-499	Umpqua Basin WSC	Umpqua Basin Streamflow Assessment	\$36,932.00	Assessment	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.	
99-502	Umpqua Basin WSC	Smith Creek Culvert Replacement	\$14,137.00	Restoration	Replace failing culvert with half-round pipe to allow fish passage and prevent heavy sedimentation due to road failure.	
99-504	Umpqua Basin WSC	Oldham Creek - Stephens	\$11,663.00	Restoration	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.	
99-506	Umpqua Basin WSC	Little Tom Folley Road and Culvert	\$22,572.00	Restoration	(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.	
99-507	North Umpqua Foundation	Little Rock Creek Instream Wood Placement	\$100,000.00	Restoration	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.	
99-508	Umpqua Basin WSC	Gravel Creek Culvert Replacement	\$18,228.00	Restoration	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.	
99-509	Umpqua Basin WSC	Elk Creek Culvert Replacement	\$6,404.00	Restoration	Replace round culvert with a bottomless arch to make accessible one mile of spawning and rearing habitat in the Smith River.	
99-509A	Umpqua Basin WSC	Elk Creek Culvert Replacement	\$7,045.00	Restoration	Summary in 99-509. Different funding source.	
99-511	Umpqua Basin WSC	Buck Fork - North Myrtle Culvert Replacement	\$12,075.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

<b>Project #</b>	<b>Grantee</b>	<b>Project Name</b>	<b>Amount</b>	<b>Project Type</b>	<b>Project Summary</b>	<b>Douglas County</b>
99-512	Umpqua Basin WSC	Brush Creek Culvert Replacement	\$13,671.00	Restoration	Replace 48" culvert with a 144" half-round pipe to allow fish passage and prevent fill from entering Middle Creek if culvert fails.	
99-514	Umpqua Basin WSC	Big Tom Folley Road and Culvert	\$52,225.00	Restoration	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.	
<b>Douglas County Total</b>			<b>4,116,708.92</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Gilliam County</b>
200-130	Gilliam County	Hay/Scott Canyon WS Assessment	\$21,399.57	Assessment	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.	
200-243	Morrow SWCD	Gilliam/Morrow Conservation Technical Assistance	\$13,304.94	Technical Assistance	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.	
201-056	Gilliam County	Gilliam-East John Day Watershed Council Coordinator	\$46,142.09	Council Support	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.	
201-056A	Gilliam County	Gilliam-East John Day Watershed Council Coordinator	\$26,564.07	Council Support	Same as 201-056. Change in funding source.	
201-352	Gilliam-East John Day WSC	Lower John Day Solar Off Stream Stock Water Demonstrational	\$27,095.02	Restoration	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.	
203-176	Gilliam SWCD	Gilliam Lonerock Stock Watering Systems	\$31,723.00	Restoration	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.	
204-042	Gilliam-East John Day WSC	Gilliam-East John Day WSC Support	\$17,073.17	Council Support	2003-05 Council Support for Gilliam-East John Day, Lonerock/30 Mile, Hay/Scott Canyon, Mid Rock Cr, Ferry Canyon Working Group	
204-042A	Gilliam-East John Day WSC	Gilliam-East John Day WSC Support	\$52,926.83	Council Support	2003-05 Council Support for Gilliam-East John Day, Lonerock/30 Mile, Hay/Scott Canyon, Mid Rock Cr, Ferry Canyon Working Group	
204-042B	Gilliam-East John Day WSC	Gilliam-East John Day WSC Support (2001-03 C/O)	\$1,795.00	Council Support	2003-05 Council Support for Gilliam-East John Day, Lonerock/30 Mile, Hay/Scott Canyon, Mid Rock Cr, Ferry Canyon Working Group	
204-298	Gilliam-East John Day WSC	Thirtymile Cr Watershed Assessment	\$74,091.00	Assessment	Thirtymile Creek drainage includes two 5th field HUCs. The watershed is dominated by summer fallow wheat agriculture and supports a spawning population of steelhead. It flows into the John Day River in southern Gilliam County. A watershed assessment would be done using OWEB Assessment Manual protocol. The assessment would occur over a year with intensive GIS layer development. One-foot aerial imagery will be flown in late spring to assure vegetation and riparian areas are visible. The applicant just completed an assessment of the Hay-Scott Canyon area of Gilliam County. The watershed is 172,944 acres. OWEB funds would be used for labor and materials. Other partners in the project include Gilliam SWCD, Gilliam-East John Day Watershed Council, NRCS, ODFW, OWRD, Oregon Youth Conservation Corps and DEQ.	
205-055	Gilliam SWCD	L John Day Direct Seed Initiative	\$109,143.00	Restoration	This project would provide cost-share incentives for nine tracts totaling 7,730 acres to convert to direct seed no-till wheat farm practices in Gilliam County. Annual soil loss within the lower John Day watershed is 4.10 tons per acre per year. Direct seed no-till has proven to reduce this erosion by 90%.	

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Gilliam County</b>					
99-313	Gilliam SWCD	Rock Cr. WS Improvement Structures	\$2,255.00	Restoration	Construction of water and sediment control basins will increase the water holding capacity in the uplands, facilitating the capture, storage and safe release of precipitation. These conservation structures will reduce water course and gully erosion, trap sediments from croplands higher in the watershed and improve downstream water quality by preventing sedimentation of essential salmonid habitat streams in Gilliam County.
99-314	Gilliam SWCD	Hay Cr. Erosion Control & Cons. Structures	\$29,592.52	Restoration	Construction of these conservation structures will increase water holding capacity in the uplands; facilitating the capture, storage and safe release of precipitation. Additionally, construction will inhibit sheet and rill erosion in cropland fields, thereby preventing sedimentation of essential salmonid habitat and water quality limited streams in Gilliam County. While a final (field) design will not be completed until funding is secured, it is anticipated that a combination of level terraces and sediment basins will be required. The design will be in accordance with NRCS Field Office Technical Guide specifications and will be designed to hold a 10 year, 10 day runoff. A preliminary field and office design was used to arrive at cost estimates.
99-315	Gilliam Cnty & Gilliam SWCD	Gilliam-East John Day Council Coord.(bal to 99-315FF)	\$45,154.31	Council Support	A full time coordinator will enable the watershed council to strategically and systematically prioritize, implement, educate, assess and monitor projects. The coordinator will continue the momentum initiated with the formation of the Watershed Council in 1997, to provide focus and coordination of existing and proposed efforts involved in education, monitoring, assessment and ongoing watershed improvement. The coordinator will assist with project development and implementation to improve watershed health and function in the lower John Day Basin.
99-315FF	Gilliam Cnty & Gilliam SWCD	Balance from 99-315 to FF-NOAA	\$22,607.39	Council Support	Summary in 99-315. Different funding source.
<b>Gilliam County Total</b>			<b>520,866.91</b>		

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Grant County
200-170	Monument SWCD	Rudio Creek Streamflow Restoration	\$53,290.00	Restoration	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.	
200-171	Grant SWCD	UpperJohn Day Irrigation Diversion Improvements: 2001	\$143,164.00	Restoration	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.	
201-054	North Fork John Day WSC	North Fork John Day Watershed Council Coordinator	\$95,336.98	Council Support	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 Planing Committee.	
201-222	Monument SWCD	John Day Basin Water Quality Monitoring	\$36,300.00	Monitoring	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.	
201-224	Grant SWCD	Biomonitoring of the Upper South Fork of the J.D. Basin	\$5,658.94	Monitoring	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.	
201-250	Malheur SWCD	Flag Prairie Riparian Pasture Project	\$44,801.00	Restoration	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.	
201-371	Grant SWCD	Upper So Fork of the John Day River WS Assessment	\$40,220.00	Assessment	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.	
201-381	Grant SWCD	Throop-Snyder Ditch Diversion Elimination	\$27,050.00	Restoration	This project proposes to replace the Throop-Snyder diversion with three pump stations over a two-year time period.	
201-390	Monument SWCD	Wilson/Wall Creek Riparian Fencing	\$46,071.80	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Grant County
201-394	Monument SWCD	Pass Creek Offstream Watering	\$19,770.00	Restoration	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.	
201-531	Grant SWCD	Mullin Indian Creek Diversion Replacements	\$27,270.49	Restoration	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.	
201-535	Grant SWCD	Upper John Day Irrigation Diversion Improvements	\$13,840.00	Restoration	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.	
201-535A	Grant SWCD	Upper John Day Irrigation Diversion Improvements	\$78,428.00	Restoration	Same as 201-535. Change in funding source.	
201-536	Grant SWCD	Holliday Indian Creek Diversion Replacements	\$43,812.31	Restoration	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.	
201-682	Grant SWCD	St Clair Ranch Rosebud Cr Improvements	\$33,235.00	Restoration	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.	
201-685	North Fork John Day WSC	Skookum/Little Wall Riparian Project	\$69,418.00	Restoration	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.	
201-686	North Fork John Day WSC	No/Middle Forks John Day WS Noxious Weed Control	\$45,682.00	Restoration	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%).	
203-100	John Day Basin NRO of CTWSR	John Day Basin Juniper Control	\$30,000.00	Restoration	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%).	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Grant County
203-194	Grant SWCD	Coyote Butte Controlled Burn	\$38,475.00	Restoration	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.	
203-261	Monument SWCD	Monument/Middle John Day Technical Assistance	\$57,057.00	Technical Assistance	Monument/Middle John Day Technical Assistance	
203-262	Grant SWCD	Grant SWCD Technical Assistance	\$104,016.00	Technical Assistance	Grant SWCD Technical Assistance	
204-052	North Fork John Day WSC	North Fork John Day WSC Support	\$17,261.46	Council Support	2003-05 Council Support for North Fork John Day WSC	
204-052A	North Fork John Day WSC	North Fork John Day WSC Support	\$53,510.54	Council Support	2003-05 Council Support for North Fork John Day WSC	
204-052B	North Fork John Day WSC	North Fork John Day WSC Support (2001-03 C/O)	\$6,474.00	Council Support	2003-05 Council Support for North Fork John Day WSC	
204-149	Patrick N Voigt	Page Ranch Acquisition	\$255,000.00	Acquisition	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.	
204-149A	Various	Page Ranch Acquisition-Direct Costs	\$7,525.61	Appraisal	Page Ranch direct costs, ie AG costs, DEQ hazardous review	
204-161	Grant SWCD	Campbell/Martin Ditch Diversion Replacement	\$10,084.63	Restoration	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.	
204-162	Grant SWCD	Upper SF John Day River WS Restoration	\$104,779.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Grant County
204-162A	Grant SWCD	Upper SF John Day River WS Restoration	\$18,955.00	Restoration	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.	
204-233	Crook SWCD	Tamarack Cr Streambank Stabilization & Gradient Control	\$67,072.00	Restoration	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.	
204-257	North Fork John Day WSC	Pass Cr Offstream Watering Phase II	\$27,393.00	Restoration	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.	
204-310	Monument SWCD	North & Middle Forks John Day Monitoring	\$81,352.00	Monitoring	The project is to develop a prototype database for data collected on water quality, riparian vegetation and channel morphology, and monitor effectiveness of management practices such as push-up dam replacement and riparian fencing. Personnel costs (staff time/wages and travel) is the main use of the OWEB funding, approximately 65% of the total cost of the project.	
204-412	North Fork John Day WSC	Deer Cr Upland Waters Project	\$20,943.00	Restoration	The project proposes to install 21 off-stream water sources to improve water quality, upland conditions and wildlife habitat in Deer and Jinks creeks, tributaries to the North Fork John Day near Monument. Components include 22 troughs and 11 cement basins. OWEB funds are requested for project management (5%), labor for installation (11%), materials (75%), and administration (9%). Cost-share partners include CTUIR, Cross-D Ranch, Berrey Ranch and North Fork John Day WSC.	
204-418	North Fork John Day WSC	Indian Cr/Little Wilson Riparian Improvement	\$47,652.00	Restoration	The project includes 6.5 miles of fencing, three cattleguards and eight upland water developments to create a riparian pasture along Indian Creek and draw cattle away from Little Wilson Creek northwest of Monument. Watershed benefits include improved water quality, anticipated increased late-season flows and increased floodplain storage. OWEB funds are requested for project manager (1%), fence construction (72%), fencing materials (18%), and administration (9%). Other cost-share partners include USFS and C-J Ranch.	
204-432	Grant SWCD	Gibbs Streambank Stabilization	\$4,914.00	Restoration	Located between John Day and Mt. Vernon on the John Day, this project would curtail active streambank erosion with the installation of six low-grade barbs, reshaping the south bank, seeding the disturbed areas, planting willow cutting and rebuilding an undercut fence. Installation would curtail sediment loads into the John Day and improve conditions for chinook salmon and ESA-listed steelhead. OWEB funds are requested for rock (97%) and fencing materials (3%). Cost-share partners include the landowners and Grant SWCD.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Grant County
205-082	Grant SWCD	Granite Cr Stockwater & Riparian Improvement	\$37,500.00	Restoration	Located near on Highway 395 near Ritter, this project will install 8,100' of pipe for an off-stream stockwater system, remove 4,800' of upland fence and locate it further uphill; relocate 3 feed bunks from the riparian areas, improve upland conditions and improve grazing management. Watershed benefits include reduced sediment, reduced nutrients and improved riparian conditions. OWEB funds are requested for project management (5%), contracted services (35%), pipe (24%), fence materials (10%), materials/permits (18%) and administration (8%). Cost-share partners include North Fork John Day WSC, landowner and Grant SWCD.	
99-028	Monument SWCD	John Day Basin Water Quality Coordinator Program	\$53,200.00	Monitoring	This project will continue to extend a highly successful and effective basin made water quality monitoring program. Landowners/managers recognize that credible water quality data to base management plans and decisions is lacking. Data is only credible and defensible if gathered and stored by methods meeting accepted scientific standards. Schools throughout the basin are implementing water quality monitoring programs as part (CIM and CAM) programs. A lack of coordination of these programs with land owners/ managers needs for credible data represents a huge waste of resources and lack of credibility of government agencies including SWCDs. This program will allow the use of a common data repository formatting of data from multiple agencies to a common format, establish identical programs in other schools, and provide defensible data to landowners.	
99-029	Monument SWCD	Bates Pond Analysis of Alternatives	\$25,000.00	Restoration	The proposed project site is located at the former lumber mill in the town of Bates, Oregon. During the 1940's, an earthen dam was constructed across Bridge Creek (tributary to the Middle Fork John Day River) which effectively cut off migration of wild anadromous fish species from spawning habitat. The dam and spillway are rapidly deteriorating. Currently two solutions are being considered. The option preferred by the landowner is to rehabilitate the dam structure for fish passage as well and safety considerations. The other alternative is to breach the dam. The purpose of this proposal is to request funding for an analysis of alternatives. Either option will open 13 miles of high quality spawning and rearing habitat to steelhead and Chinook salmon.	
99-030	North Fork John Day WSC	North Fork John Day Watershed Council Coordinator	\$13,038.00	Council Support	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.	
99-030FF	North Fork John Day WSC	Balance from 99-030 - NOAA FF	\$47,537.74	Council Support	Summary in 99-030. Different funding source.	
99-060	Phil St. Clair	Upper S Frk Watershed Enhancement Project	\$43,760.00	Restoration	This project will continue comprehensive riparian restoration project on Upper South Fork River between river miles 34-37.5 near the town if Izee. Project will include bank stabilization using juniper riprap and vegetative planting. A permanent diversion structure with fish passage and fish screening will be installed. Disturbed areas will be seeded with grasses and hardwoods will be planted along the project area.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Grant County</b>
99-151	The Nature Conservancy	Dunstan Homestead Channel Breach	\$6,148.43	Restoration	The Nature Conservancy proposes to reopen an historic 1200 ft channel of the Middle Fork John Day River on our Dunstan Homestead Natural Area between the Big Boulder and Coyote Tributary streams at approximately river mile 53. We would also monitor water table, stream and air temperatures at and adjacent to the site. This project will improve habitat for salmon, steelhead, redband and bull trout as well as other wildlife such as spotted frogs. We also expect an increase in cover of native riparian and wetland vegetation.	
99-249	Grant SWCD	John Day River WS Streamflow Gaging Stations	\$20,706.00	Monitoring	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.	
99-250	Grant SWCD	John Day River WS Irrigation Diversion Improv	\$98,000.00	Restoration	The Grant Soil and Water Conservation District has been working in partnership with landowners since 1986 to enhance fish habitat and replace push-up dams and other irrigation diversion structures which impede anadromous and resident fish passage. Funding sources which have supported this endeavor in the past have become deficient and several key services pertinent to the successful implementation of these projects have become compromised. This grant proposal seeks funding assistance to retain a full-time professional engineer, the employment of two engineering students to support the SWCD during the busy summer work season, and some aspects of project construction.	
99-319	North Fork John Day WSC	Burnette Riparian Fencing	\$13,750.00	Restoration	This project will construct five miles of riparian fence along the Middle Fork of the John Day River. It is anticipated that riparian vegetation will quickly recover and benefit bank stability, water quality, fish and wildlife habitat. Fence will be maintained by landowner and the Monument High School Student Watershed Enhancement Team will conduct water quality monitoring, and compile, store, and report data.	
99-586	Grant SWCD	Bioassessment of Restoration Activities and Best Management	\$6,268.00	Monitoring	Monitor and assess the effectiveness of the Upper South Fork of the John Day Restoration Project.	
99-596	Grant SWCD	John Day Rvr Irr Div Imprvmnts: Island & Beaver Dam Ditches	\$3,436.60	Restoration	Improve one water diversion and install two water measuring devices (a ramp flume and rectangular weir).	
99-609	Monument SWCD	Andersen Erosion Control	\$2,250.00	Restoration	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.	
99-611	Monument SWCD	John Day Basin Water Quality Coordinator Program	\$32,000.00	Monitoring	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.	
<b>Grant County Total</b>			<b>2,178,407.53</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
200-176	Harney WS Council	Toelle Juniper Abatement	\$26,600.00	Restoration	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.
200-177	Harney SWCD	Addendum to Poison Creek Slough GPA	\$7,700.00	Restoration	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.
201-049	Harney WS Council	Harney County Watershed Council Support	\$45,695.02	Council Support	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.
201-049A	Harney WS Council	Harney County Watershed Council Support	\$2,781.00	Council Support	Same as 201-049. Change in funding source.
201-049B	Harney WS Council	Harney County Watershed Council Support	\$38,580.51	Council Support	Same as 201-049. Change in funding source.
201-249	Harney SWCD	Urizar Juniper Removal Project II	\$28,550.00	Restoration	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.
201-392	Harney SWCD	Lone Pine Ranch Riparian Restoration	\$10,142.00	Restoration	The project proposes to close a 50' water gap along the Silvies River, and supply an alternative source of water for livestock.
201-393	Harney SWCD	Thissell Juniper/Range Improvement Project	\$8,925.00	Restoration	This project proposes to thin 85 acres of juniper and aially seed the area. The project will promote a healthier balance through juniper thinning and aerial grass seeding.
201-395	Harney WS Council	Jack Smith Juniper Control Project	\$24,274.00	Restoration	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.
201-512	Harney WS Council	Donner Und Blitzen Watershed Assessment	\$9,400.00	Assessment	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.
203-204	Harney SWCD	Mud Lake Restoration Project	\$184,330.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Harney County</b>					
203-210	Harney SWCD	Silvies River Restoration Project	\$289,899.00	Restoration	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.
203-257	Harney SWCD	A Cooperative Vision for WS Restoration	\$29,500.00	Technical Assistance	A Cooperative Vision for WS Restoration
204-050	Harney WS Council	Harney Co WSC Support	\$17,073.17	Council Support	2003-05 Council Support for Harney Co WSC
204-050A	Harney WS Council	Harney Co WSC Support	\$52,926.83	Council Support	2003-05 Council Support for Harney Co WSC
204-050B	Harney WS Council	Harney Co WSC Support (2001-03 C/O)	\$6,724.47	Council Support	2003-05 Council Support for Harney Co WSC
204-050C	Harney WS Council	Harney Co WSC Support (09-03 award)	\$4,500.00	Council Support	2003-05 Council Support for Harney Co WSC
204-253	Harney SWCD	Pine Cr Riparian Fence	\$12,396.00	Restoration	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.
204-307	Harney WS Council	Alvord Lakes WS Assessment	\$40,480.00	Assessment	The project proposes to prepare a watershed assessment on three subbasins which total 3.2 million acres, each comprises several closed basins with similar geologic factors. Existing geologic, hydrologic, climatic, stream, plant and wildlife data will be compiled. Field work will be initiated on the identification of data gaps. Landowner collaboration will be encouraged. OWEB funds are requested for project manager (11%), assessment contractor (79%), and administration (9%). Cost-share partners include ODFW, BLM, Harney County Court, and Harney County WSC.
204-428	Harney SWCD	Devine Canyon Brush Management & Uplands Restoration	\$138,182.00	Restoration	This project proposes to mechanically remove juniper on 1,100 acres of uplands and wet meadows at the headwaters of Poison Creek Slough north of Burns. Juniper would be removed using a feller-buncher and perennial grass seed applied with a broadcast spreader. Areas of old-growth juniper will be retained. Several agencies are supportive of this comprehensive effort. OWEB funds are requested for juniper thinning (87%), perennial grass seed/planting (5%), video (1%), administration (4%), and monitoring (3%). Cost-share partners include landowners and Harney SWCD.
204-428A	Harney SWCD	Devine Canyon Brush Management & Uplands Restoration	\$1,000.00	Restoration	Same as 204-428. Change in fund source.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
204-433	Harney SWCD	Silvies River Neighborhood Restoration & Demonstration	\$29,680.00	Restoration	The project would promote BMP's for two adjacent landowners near Burns, including floodplain improvements, riparian plantings, 3,465' of riparian fencing, woody vegetation planting, perennial grass seeding, noxious weed control and removing old car bodies and other trash from the river. Implementation would reduce sediment loads, improve water quality, increase channel complexity and improve fish habitat. OWEB funds are requested for project management (3%), fencing (15%), equipment rental/contracted services (25%), materials (27%), permitting/signs (12%), administration (8%), and monitoring (9%). Cost-share partners include the landowners, USFWS, EOARC, Harney SWCD, ODA and ODFW.
204-461	Harney WS Council	Value & Success of Juniper Management	\$30,130.00	Education	This project will produce and distribute two educational videos showcasing the value and success of juniper management. A 15-minute summary video is designed to answer the question "Why are you cutting down all those trees"? It will give the viewer a clear understanding of the value to the watershed. The second video will be 45 minutes containing the science & data supporting juniper control. OWEB funds are requested for travel (10%) and production costs (90%). Cost-share partners include BLM, EOARC, Harney County Court, HCWSC and landowners.
204-475	Harney SWCD	CREP Tech Assistance (05-28-04 Bd Approved)	\$5,000.00	CREP Technical Assist	CREP Tech Assistance
205-077	Harney SWCD	Lazy Open at Ranch Water Quality & Habitat Restoration	\$25,635.00	Restoration	Proposed restoration on 400 acres of riparian and wetland habitat includes 9,169' of riparian fencing, windbreaks, 3,820' of pipeline and plant materials. Watershed objectives include improved water quality, improved vegetation and improved uplands conditions. OWEB funds are requested for project management (3%), tree planting/fencing contractors (11%), pipe (53%), fencing (16%), plants (8%) and administration (9%). Cost-share partners include landowners, Friends of Malheur Refuge, USFWS, ODA, and Harney SWCD.
205-078	Harney SWCD	Silvies River Corridor Resource Enhancement	\$37,032.00	Restoration	The project includes the cooperative inventory, treatment and eradication of invasive vegetation species on public and private lands adjacent to the Silvies - 60 miles long and 23 miles wide within the proposed Harney Cooperative Weed Management Area. Several invasive species are targeted for eradication. OWEB funds are requested for personnel (36%), grass mix (41%), displays (1%), administration (8%) and monitoring (14%). Cost-share partners include USFWS, BLM, ODA, ODFW, Harney SWCD, landowners and Harney Cooperative Weed Management Area.
205-079	Harney SWCD	Harney County Fuels Treatment	\$71,838.00	Restoration	Cost-share will be provided for pre-commercial thinning and slash abatement on 220 acres. Watershed benefits included improved forest health, reduced risk of wildfire and reduce risk of insect infestation and disease. OWEB funds are requested for thinning (44%), slash abatement (49%), administration/monitoring (7%). Cost-share partners include ODF and landowners.
99-158	Harney WS Council	Harney Cnty WS Council Coordinator 1999-2001	\$37,850.00	Council Support	Fund Coordinator Position for 2 years
99-158FF	Harney WS Council	Balance from 99-158 to FF-NOAA	\$42,150.00	Council Support	Summary in 99-158. Different funding source.
99-243	Harney County Court	Harney Co GIS Phase I and II	\$27,455.92	Restoration	GIS data is integral to the assessment, analysis, and monitoring of any watershed project on a landscape basis. GIS data on public lands is available in Harney County but not on private lands. Because private lands are interspersed in public lands and water resource data on private lands is linked to the tax lot layer, a county wide GIS tax lot layer is required before accurate and complete watershed information can be stored, manipulated, and retrieved efficiently.

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Harney County</b>					
99-389	Harney SWCD	Kiger Watershed Enhancement	\$63,300.00	Restoration	This project plans for riparian and watershed enhancement and restoration with an emphasis on improving both watershed conditions and streamside habitat conditions of Kiger Creek Drainage of the Donner and Blitzen watershed in the Malheur Lakes Basin. The project combines juniper cutting, prescribed burning, grazing rest and management, wildlife management, research and monitoring. The implementation of management practices and restoration activities encompasses both private and public land.
99-396	Harney SWCD	Urizar Juniper Removal	\$21,000.00	Restoration	This project proposes to cut juniper trees to reduce moisture competition in a juniper dominated area and to restore the area to a more diverse habitat of native plant vegetation which will improve the condition of the watershed. The applicant intends to enhance and protect the integrity of watershed function, improve watershed stability and decrease accelerating erosion by removing 90% of the juniper between the sizes of 0-8" dbh on 560 acres of private land. This treatment will increase vegetation cover, litter and reduce the amount of exposed soil. The project site is critical mule deer winter habitat. Removal of all but a small percentage of the largest juniper will improve the understory bitterbrush stands.
99-579	Harney SWCD	Poison Creek and Malheur Slough GPA	\$53,550.00	Restoration	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.
99-579A	Harney SWCD	Poison Creek and Malheur Slough GPA	\$5,859.42	Restoration	Summary in 99-579. Different funding source.
<b>Harney County Total</b>			<b>1,430,139.34</b>		

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
200-078	Middle Fork Irrigation District	Evans Creek Fish Passage	\$76,000.00	Restoration	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.
200-134	Central Cascades Alliance	Learning from the Land	\$14,012.00	Education	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.
200-134A	Central Cascades Alliance	Learning from the Land	\$5,929.07	Education	Same as 200-134. Change in fund source.
201-047	Hood River SWCD	Hood River Watershed Group- Council Support	\$43,799.85	Council Support	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.
201-047A	Hood River SWCD	Hood River Watershed Group- Council Support	\$41,904.15	Council Support	Same as 201-047. Change in funding source.
201-210	Hood River SWCD	Odell Creek Horsekeeping Demonstration Farm	\$43,981.68	Restoration	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.
201-210A	Hood River SWCD	Odell Creek Horsekeeping Demonstration Farm	\$403.32	Restoration	Same as 201-210. Change in fund source.
201-347	Farmers Irrigation District	Farmers Canal Fish Screen/Bypass Sediment Ctrl and Diversion	\$130,000.00	Restoration	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.
201-496	Hood River SWCD	Load Reductions & Effects of OP Pesticides on Steelhead in H	\$128,480.00	Monitoring	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.
201-654	Hood River WS Group	Voice for Hood River WS Restoration Interp Signs	\$12,000.00	Education	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Hood River County</b>
201-658	Hood River WS Group	Lower Evans Creek Bridge & Culvert Replacement	\$15,750.00	Restoration	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.	
203-066	Hood River Co Forestry Dept	Tieman Cr Fish Passage & Sediment Control	\$30,965.31	Restoration	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).	
203-169	Middle Fork Irrigation District	Laurance Lake Reservoir Temperature Study	\$34,430.00	Monitoring	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.	
204-043	Hood River SWCD	Hood River SWCD Support	\$17,073.17	Council Support	2003-05 Council Support for Hood River WS Group	
204-043A	Hood River SWCD	Hood River SWCD Support	\$67,926.83	Council Support	2003-05 Council Support for Hood River WS Group	
204-134	East Fork Irrigation Dist	Phase I Central Canal Upgrade/Neal Cr Inverted Siphon	\$300,000.00	Restoration	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.	
204-226	Wy'East RC&D	Hood River Integrated Pest Mgmt Weather Station Network	\$113,666.00	Restoration	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.	
205-047	East Fork Irrigation District	Phase 2 Central Canal Upgrade/Neal Cr Inverted Siphon	\$300,000.00	Restoration	This project is the second phase of a three phase project to construct 4.3 miles of pipeline that will eliminate chronic sediment discharges and restore fish passage for listed steelhead in Neal Creek, a tributary of the Hood River. This phase will construct one half mile of pipeline.	
99-062	Hood River SWCD	Hood River WS Group Coordinator	\$77,114.35	Council Support	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.	
99-062FF	Hood River SWCD	Hood River WS Group Coordinator	\$8,589.65	Council Support	Summary in 99-062. Different funding source.	

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Hood River County</b>
99-308	Hood R WS Group/E Fork Irrigation Dist	New Neal Ck Diversion Fish Screen	\$35,197.00	Restoration	The project will eliminate a juvenile fish passage problem on Neal Creek at an irrigation diversion near RM 5. An old undersized drum fish screen will be replaced by a new hydraulic rotary drum screen meeting current fish protection criteria. The diversion withdraws 42 cubic ft/sec, approximately 2/3 of the total summer flow. Each year, ESA threatened steelhead and other fish species are trapped and killed in ditches associated with this diversion. Steelhead are found above and below the project, along with coho and resident fish. Neal Creek is the only major anadromous tributary of the mainstem Hood River below RM 12. This project is a priority of the Hood River Watershed Group, ODFW and the Confederated Tribes of the Warm springs Reservation.	
99-384	Farmers Irrigation District	Farmers Irrigation Canal Fish Screens	\$69,935.00	Restoration	This project will replace an archaic fish screen at an irrigation diversion to safely return fish to the Hood river and manage sediment and organic matter using a passive infiltration screen design. Threatened bull trout, summer and winter steelhead, along with spring chinook juveniles and other fish produced in the upper sub-basin, are vulnerable to trapping within Farmers Canal. This project is a priority of the Hood River Watershed Group, ODFW & Confederated Tribes of the Warm Springs Reservation.	
99-550	Hood River County	Hood River County Forestry Dept Forest Road Inventory	\$8,685.24	Assessment	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.	
99-557	Farmers Irrigation District	Green Point Creek Watershed Restoration - Project 2000	\$36,211.98	Restoration	Place 1,000 logs by helicopter in 32 specific sites in Green Point Creek, in a section that is habitat for listed steelhead.	
<b>Hood River County Total</b>			<b>1,612,054.60</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
200-029	Rogue Basin Coordinating Council	Rogue Fish Presence Surveys On Forrest Lands	\$48,546.99	Monitoring	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.
200-031	Little Butte Crk WSC	Little Butte Cr Bacteria Study	\$9,257.00	Monitoring	The study will look at irrigation return flows and storm drains as potential contributors of bacteria to Little Butte Cr.
200-041	Little Butte Crk WSC	Little Butte Creek Assessment and Action Plan	\$58,625.00	Assessment	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.
200-056	Little Butte Crk WSC	Grizzley Creek Crossing Replacement for Fish Passage	\$4,806.75	Restoration	The Grizzly Creek Crossing on South Fork Little Butte Creek is a high-priority for replacement as identified by ODFW and USFS fish biologists. This is a County structure and there is a need to replace the existing cmp pipe with larger size arch pipe, set at a fish friendly profile grade. The Jackson County Public Works Dept. has request Council assistance on this project and they are providing good match.
200-062A	Rogue Basin Coordinating Council	Phase 1 - Technical Support (200-062)	\$476,000.00	Restoration	Phase 2, Summary in 200-062B.
200-062B	Rogue Basin Coordinating Council	Phase 1 - Webb Ditch	\$20,000.00	Restoration	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.
200-062E	Rogue Basin Coordinating Council	Phase 1 - Hanley South	\$76,937.00	Restoration	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.
200-062F	Rogue Basin Coordinating Council	Phase 1 - Bieberstedt	\$20,500.00	Restoration	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.
200-062H	Rogue Basin Coordinating Council	Phase 1 - Moser Ditch	\$10,500.00	Restoration	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.

## Jackson County

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
200-062I	Rogue Basin Coordinating Council	Phase 1 - Elliot	\$10,500.00	Restoration	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.
200-062M	Rogue Basin Coordinating Council	Phase 1 - Lower Rogue	\$51,910.00	Restoration	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.
200-062N	Rogue Basin Coordinating Council	Redlands Ditch	\$7,756.00	Restoration	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.
200-077	Applegate River WSC	Applegate River Riparian Restoration project	\$113,899.51	Restoration	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 (Rubus discolor) 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.
200-265	USDA-NRCS	Irrigation Engineer Salary in Medford Service Center	\$32,111.75	Technical Assistance	Fund irrigation engineer in Medfors service center for the 2001 fiscal year
201-015	Upper Rogue WS Assn	Upper Rogue WS Association Support & Coordinator Funding	\$14,437.50	Council Support	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.
201-015A	Upper Rogue WS Assn	Upper Rogue WS Association Support & Coordinator Funding	\$4,812.50	Council Support	Same as 201-015. Change in funding source.
201-019	Applegate River WSC	Applegate River Watershed Council Support	\$60,750.00	Council Support	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Jackson County</b>
201-019A	Applegate River WSC	Applegate River Watershed Council Support	\$20,250.00	Council Support	Same as 201-019. Change in funding source.	
201-021	Bear Creek WSC	Bear Creek Watershed Council Coordinator	\$37,176.00	Council Support	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.	
201-021A	Bear Creek WSC	Bear Creek Watershed Council Coordinator	\$5,000.00	Council Support	Same as 201-021. Change in funding source.	
201-021B	Bear Creek WSC	Bear Creek Watershed Council Coordinator	\$25,324.00	Council Support	Same as 201-021. Change in funding source.	
201-023	Little Butte Crk WSC	Little Butte Creek Watershed Council Support	\$76,000.00	Council Support	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.	
201-115	Applegate River WSC	Applegator Newspaper	\$49,337.37	Education	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.	
201-306	Rogue Valley COG	Bear Creek Regional Stormwater Management Plan-Step 1	\$13,702.00	Assessment	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.	
201-441	Rogue Basin Coordinating Council	Rogue Basin Streamflow Assessment	\$61,558.00	Assessment	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.	
201-443	Applegate River WSC	Little Applegate Fire Rehabilitation Project	\$32,763.33	Restoration	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.	
201-443A	Applegate River WSC	Little Applegate Fire Rehabilitation Project	\$660.00	Restoration	Same as 201-443. Change in fund source.	
201-448	Rogue Valley COG	Jackson Creek Riparian Planting Demonstration Project	\$12,210.00	Restoration	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.	
201-591	Upper Rogue WS Assn	Nature's Treasures Science Fair/ Water Festival	\$1,917.44	Education	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Jackson County</b>					
201-592	Rogue Basin Coordinating Council	Rogue Basin Restoration Technical Team Pool	\$52,995.00	Assessment	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.
203-012	Upper Rogue WS Assn	Upper Rogue WS Association Ed/Outreach	\$8,836.00	Education	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.
203-014	Seven Basins WSC	Seven Basins WS Assessment	\$88,375.00	Assessment	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.
203-023	Applegate River WSC	Applegate Basin Riparian Restoration	\$108,612.50	Restoration	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.
203-023A	Applegate River WSC	Applegate Basin Riparian Restoration	\$657.50	Restoration	Same as 203-023. Change in fund source.
203-024	Applegate River WSC	Little Applegate Road Sediment Reduction	\$99,060.00	Restoration	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.
203-029	Rogue Aggregates Inc	Rogue River Stakeholders Group Restoration	\$283,780.00	Restoration	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.
203-129	Applegate River WSC	Applegator Newspaper	\$39,542.00	Education	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.
203-267	Applegate River WSC	Applegate Basin ODOT Mitigation Project	\$12,500.00	Restoration	Applegate river bridge mitigation project including restoration and improvements of in-stream habitats in Slate Creek, Williams Creek and Cheney Creek.

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# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Jackson County</b>
203-267A	Williams Creek WSC	Williams Creek ODOT Mitigation Project	\$12,500.00	Restoration	Applegate river bridge mitigation project including restoration and improvements of in-stream habitats in Slate Creek, Williams Creek and Cheney Creek.	
204-008	Applegate River WSC	Applegate River WSC Support	\$26,859.51	Council Support	2003-05 Council Support for Applegate River, Williams Cr WSCs	
204-008A	Applegate River WSC	Applegate River WSC Support	\$83,264.49	Council Support	2003-05 Council Support for Applegate River, Williams Cr WSCs	
204-009	Bear Creek WSC	Bear Cr WSC Support	\$17,073.17	Council Support	2003-05 Council Support for Bear Cr WSC	
204-009A	Bear Creek WSC	Bear Cr WSC Support	\$52,926.83	Council Support	2003-05 Council Support for Bear Cr WSC	
204-013	Little Butte Crk WSC	Little Butte Cr WSC Support	\$17,073.17	Council Support	2003-05 Council Support for Little Butte Cr WSC Inc	
204-013A	Little Butte Crk WSC	Little Butte Cr WSC Support	\$52,926.83	Council Support	2003-05 Council Support for Little Butte Cr WSC Inc	
204-013B	Little Butte Crk WSC	Little Butte Cr WSC Support	\$5,000.00	Council Support	2003-05 Council Support for Little Butte Cr WSC Inc	
204-019	Upper Rogue WS Assn	Upper Rogue WS Assoc Support	\$16,322.93	Council Support	2003-05 Council Support for Upper Rogue WS Association	
204-019A	Upper Rogue WS Assn	Upper Rogue WS Assoc Support	\$50,601.07	Council Support	2003-05 Council Support for Upper Rogue WS Association	
204-020	Seven Basins WSC	Seven Basins WSC Support	\$9,146.34	Council Support	2003-05 Council Support for Seven Basins WSC	
204-020A	Seven Basins WSC	Seven Basins WSC Support	\$28,353.66	Council Support	2003-05 Council Support for Seven Basins WSC	
204-020B	Seven Basins WSC	Seven Basins WSC Support (09-03 Award)	\$16,255.00	Council Support	2003-05 Council Support for Seven Basins WSC	
204-080	Little Butte Crk WSC	Little Butte News	\$5,891.00	Education	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.	
204-098	Rogue Aggregates Inc	Rogue River Stakeholders Group	\$267,322.00	Restoration	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.	
204-194	City of Gold Hill	Gold Hill Dam Removal & Restoration	\$520,000.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Jackson County</b>
204-198	Upper Rogue WS Assn	Hawk Cr Habitat Enhancement	\$8,305.00	Restoration	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.	
204-198A	Upper Rogue WS Assn	Hawk Cr Habitat Enhancement	\$8,305.00	Restoration	Same as 204-156. Change in fund source.	
204-278	Applegate River WSC	Middle Applegate Assessment & Outreach	\$33,150.00	Assessment	The project proposes to complete an assessment and action plan for the Middle Applegate 5th field HUC. The proposal would add fire risk analysis to the watershed assessment process. The assessment is the next geographic focus area identified in their draft strategic plan. The Council has completed four assessments to date. Landowners will be engaged through neighborhood meetings held in local homes. This will help with outreach, issue identification and action plan development. Funding is dominantly for staffing.	
204-281	Bear Cr WSC	Mt Ashland Unit WS Assessment/Action Plan	\$31,416.00	Assessment	This project will build on the Bear Creek Watershed Assessment/Action Plan of 1995 and Bear Creek Tributary Assessment of 2001. The project proposes to develop a demonstration of urban watershed assessment model and to develop an action plan by using the information from existing assessments and supplementing it with additional information, using neighborhood based participation, and include catastrophic wildfire risk evaluation. The budget is primarily for staffing.	
204-356	City of Medford	Water Reclamation Pilot Project	\$313,580.00	Restoration	This project proposes to irrigate 527 acres of farm land including orchards and row crops using water from the Medford Wastewater Reclamation Facility (RWRf) in lieu of irrigation district water. A portion of the water currently diverted for agriculture will remain instream in Bear and Little Butte creeks improving water quality and quantity.	
204-369	Bear Cr WSC	Larson Cr Restoration	\$154,480.00	Restoration	The project proposes to restore the historic channel of Larson Creek. Currently the creek flow is contained in an adjacent irrigation canal. Three fish passage barriers will be removed and three miles of habitat will be restored for steelhead. The irrigation canal will be piped and siphoned underneath the restored Larson Creek. The project is located in the Bear Creek subbasin of the Rogue River.	
204-444	Bear Creek Watershed Ed Partners	Bear Cr WS Education & Restoration Program	\$19,450.00	Education	The project is designed to increase opportunities for students and educators in Medford, Phoenix-Talent, Central Point and Ashland school districts. It will reach up to 15 schools in the Bear Creek watershed allowing them to closely study their watershed and participate in seven on the ground restoration projects.	
204-445	Upper Rogue WS Assn	Upper Rogue WS Association Education/Outreach Newsletter	\$10,359.00	Education	The project proposes to continue the publishing of the "UR Watershed News." This is a monthly educational and informative watershed newsletter that is published in a regional newspaper. Articles inform readers of events, meetings, activities, projects, volunteer opportunities, and land use and stewardship practices.	
204-469	Rogue River Stakeholders	Kendall Bar Repair Project	\$162,000.00	Restoration	Restore streambank and protect gravel pit	
204-494	Little Butte Crk WSC	Little Butte Cr Fish Passage Improvement Project	\$12,000.00	Technical Assistance	Technical assistance is needed to provide project management services to develop designs to address five fish passage barriers in Little Butte Creek in southwestern Oregon. Successful completion of the resulting restoration project will open all 17 miles of the Little Butte Creek mainstem.	
204-496	Upper Rogue WS Assn	W Fork Trail Cr Bridge Design	\$12,000.00	Technical Assistance	Technical assistance is needed to develop an alternative to an undersized culvert that impedes fish passage and causes increased erosion and sedimentation to Trail Creek in the Upper Rogue Watershed. The design when implemented would enhance passage for coho, resident trout, and steelhead to six miles of habitat above. OWEB funds will be used for design development.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Jackson County</b>
99-073	U Rogue WS & L Butte Crk WS Council Program 1999	Volunteer Monitoring	\$49,870.00	Monitoring	After a successful first year of water quality monitoring, community interest in the program and local water quality is strong. This project continues and expands the monitoring program to include more stations, closer monitoring of specific water quality parameters, the addition of stream macroinvertebrate surveying and the establishment of a water quality monitoring web site to facilitate the sharing of information.	
99-073A	U Rogue WS & L Butte Crk WS Council Program 1999	Volunteer Monitoring	\$5,530.00	Monitoring	Summary in 99-073. Different funding source.	
99-140	Applegate River WSC	Applegate WS Tree Planting & Restoration	\$44,949.91	Restoration	The Applegate River Watershed Council proposes to continue the tree Planting and Restoration Program for two years. During this time we will plant 90,000 trees and shrubs in riparian and erosion-prone upland areas. The riparian priorities will focus on anadromous fish-bearing streams and water quality-limited streams where riparian communities have been fragmented. In an effort to increase survival and diversity of species, as well as reducing the unit cost of planting material, we will propagate an additional 10,000 + plants at BLM facilities. We will also conduct a pilot project using biodegradable erosion control blankets in conjunction with planting at sites that have severe erosion problems. This program will complement existing projects and are an essential response to community interest in restoration following outreach activities.	
99-141	Applegate River WSC	Applegator Newspaper	\$26,881.53	Education	The Applegator, the Applegate River Watershed Council's newspaper, has been tremendously successful in promoting awareness of and participation in watershed restoration and salmon recovery. This publication has become one of our most powerful tools in building a community sense of place and stewardship of that place. During the previous 2 years, volunteer efforts, donations, subscriptions, and advertising revenues have contributed over 1/3 of production costs. The GWEB grant money will help us continue to publish and to build on this foundation. Through a strengthened community outreach and fundraising program, we will move the Applegator closer to its goal of financial self-sufficiency.	
99-142	Applegate River WSC	Flow & Sediment Monitoring in the Applegate	\$27,639.27	Monitoring	We are proposing to establish staff gauging stations (12) on tributary streams to the Applegate River. These gauging stations will enable us to determine the discharge and, hence, relative contribution of heat nutrients and/or pollutants to the river system. Gauges will be installed by watershed council staff who will also determine rating curves for each station. Discharge will be noted when these sites are visited during our routine monitoring of water quality in the Applegate. Landowners will be enlisted to observe stream levels at times of high flow, loss of water by irrigation withdrawal, and other times of discharge fluctuation. We also propose to measure suspended sediment contribution of two tributaries of the Applegate. These sub-basins are rich in decomposed granite and we would like to be able to more closely pinpoint the sources of this substrate, which severely impacts salmonid production.	
99-144	Little Butte Crk WSC	Little Butte Crk WSC Coordinator 1999-2001	\$58,125.00	Council Support	Little Butte Creek Watershed Council has been very 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 administrator position be adequately funded to ensure continuity and completion of projects currently underway and that future projects under development go forward. The Little Butte is a federally designated key Watershed for wild coho and an important wild steelhead fishery as well. It is listed by DEQ as a water quality limited stream. There is much potential here and there is much work to be done to reach that potential.	
99-144FF	Little Butte Crk WSC	Balance from 99-144 to FF-NOAA	\$20,625.00	Council Support	Summary in 99-144. Different funding source.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Jackson County</b>
99-207	Applegate River WSC	Applegate Rvr WS Council Support 1999	\$80,387.10	Council Support	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.	
99-207FF	Applegate River WSC	Applegate Rvr WS Council Support 1999	\$9,718.00	Council Support	Summary in 99-207. Different funding source.	
99-234	Rogue Valley COG	Bear Cr WSC Coordinator	\$23,217.70	Council Support	The project proposes 18 months (Jan 00 - Jun 01) of funding for the watershed council coordinator position. Focusing on the core areas; continue to support the Bear Creek watershed assessment & action planning process, provide direct assistance and coordinate council involvement in the Water Quality Management Planning Process with ODEQ for the Bear Creek Basin. Continue to identify funding sources and implement corrective actions as a part of the council's priority streams program, coordinate activities and projects throughout the Rogue Basin. Continue to increase the level of media exposure, local support and public involvement in the Bear Creek WSC. Continue to oversee the water quality monitoring program for the basin	
99-234FF	Rogue Valley COG	Request from 99-234 to FF-NOAA	\$30,808.63	Council Support	Summary in 99-234. Different funding source.	
99-235	Rogue Valley COG	Bear Creek Watershed Education & Enhancement	\$19,660.00	Education	This project will provide students, educators, and natural resource agencies with opportunities to work together to develop and implement enhancement and education projects that directly improve conditions in our watershed. RVCOG will accomplish this by: sponsoring three watershed community service forums, complete a develop and sponsor a Bear Creek Youth Conservation Corps, sponsor three educator training sessions, develop a Gear Creek Watershed Technical Library, sponsor and support the Bear Creek Student Watershed Council.	
99-235A	Rogue Valley COG	Bear Creek Watershed Education & Enhancement	\$16,962.95	Education	Summary in 99-235. Different funding source.	
99-248	Oregon Water Trust	Williams-Whalen Ditch Conserved Water Phase II	\$42,051.00	Restoration	Phase 1 of the project involved CWP projects for 11 landowners, taking them off the ditch and restoring 0.27 cfs of saved water to Evans Creek Watershed Council and was largely funded by GWEB. Completion of phase 2 will improve streamflow through creation of a cumulative 1896 instream water right of approximately 0.4 cfs and elimination of a major fish passage barrier with the eventual removal of the diversion structure.	
99-324	Little Butte Crk WSC	Irrigation Conversions for Fish Passage	\$158,197.74	Restoration	The Council will continue to work with multiple landowners who are interested in voluntarily replacing their existing push-up dam/ditch/flood systems with alternative permanent structures in order to use irrigation method that will provide fish passage which may conserve water for instream use by aquatic species while eliminating methods of manipulation causing ongoing sedimentation and erosion. Systems will be designed site specific in conjunction with what works best for the landowners' needs. Project assessment and prioritization will be determined by utilization of both resource and irrigation specialists as well as available fish passage priority data which has recently become available.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Jackson County</b>					
99-325	Little Butte Crk WSC	Little Butte Ck Water Efficiency Model	\$2,265.34	Education	If funded, this grant will provide for an intense watershed-wide awareness effort resulting in the development of a locally-driven assessment and plan for improvements in the efficiency of water use. The result, at its culmination, will be the development of a model process usable by other watershed councils in developing efficiency goals and performing assessments and planning for improvements in the efficiency of water use in their areas. Utilizing a facilitated process, stakeholder outreach via interactive forums will be held in small local communities and with other specific stakeholder groups throughout the watershed; council members will assist in this effort by working with their own constituencies for one-on-one information and input; local media will be kept apprised of the entire process; educational tools such as surveys and handouts will be developed, tested and refined to become part of the end package. This is a State (OWRD) Pilot for water use efficiency.
99-340	URSA	Sub-surface Drip Irrigation Demo & Educ PH II	\$27,827.00	Education	Phase II of a 3- phase project uses Subsurface Drip Irrigation pilots, outreach, and education to, demonstrate an existing and available irrigation technology that improves water quality by conserving water and reducing runoff. Educate water users and stakeholders about the practical and environmental benefits of more-precise water management. The project will relate the use of this technology to broader watershed enhancement activities, monitor demonstration systems and provide technical support for site-specific adaptation. The project will also evaluate the market for wider application.
99-349	Applegate River WSC	Little Applegate Fish Passage - Farmers, Buck & Jones Dchs	\$323,099.95	Restoration	This project will increase stream flows and improve fish passage for anadromous fish in the Little Applegate River. Water now diverted from the Little Applegate by the Farmers, Buck and Jones Ditches will be pumped from the mainstem Applegate River where flows are augmented by releases from the Applegate Dam. An instream water right of approximately 11cfs will dramatically improve summer and fall water quantity and quality in the lower 2 miles of the Little Applegate River. The Farmers Dam will be removed or notched to improve fish passage to 34 miles of additional habitat upstream of the dam.
99-352	Applegate River WSC	Slate Ck WS Assessment & Action Plan	\$60,721.33	Assessment	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).

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Jackson County</b>
99-355	Rogue Valley COG	Jackson Ck WS Assessment & Action Plan Demo	\$36,570.95	Assessment	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.	
99-356	Upper Rogue WS Assn	Upper Rogue WS Assoc Educ & Outreach	\$8,808.93	Education	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.	
99-356A	Upper Rogue WS Assn	Upper Rogue WS Assoc Educ & Outreach	\$118.07	Education	Summary in 99-356. Different funding source.	
99-371	Little Butte Crk WSC	Rogue District Smolt Trapping	\$58,193.00	Monitoring	The purpose of the proposed project is to estimate the production of coho and chinook salmon and steelhead smolts in six Rogue Basin streams: Little Butte Creek, Big Butte Creek, South Fork Big Butte Creek, Slate Creek, Little Applegate River, and West Fork Evans Creek. This project would be a continuation of a project that began in 1998. A report summarizing the results of the study will be written and distributed to agency partners, watershed councils and appropriate personnel within ODFW at the end of the trapping season.	
99-371A	Little Butte Crk WSC	Rogue District Smolt Trapping	\$6,466.00	Monitoring	Summary in 99-371. Different funding source.	
99-474B	Rogue Basin Coordinating Council	Reese Crk Push-up Dam Removal	\$36,877.00	Restoration	Remove push-up dam on Reese Creek near its confluence with the Rogue River to improve passage for coho and summer steelhead.	
99-474B-1	Rogue Basin Coordinating Council	Reese Crk Push-up Dam Removal	\$36,876.99	Restoration	Summary in 99-474. Different funding source.	
99-475	Friends of the Greensprings	Keene Creek Watershed Assessment	\$7,000.00	Assessment	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.	

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Jackson County</b>
99-475A	Friends of the Greensprings	Keene Creek Watershed Assessment	\$6,780.80	Assessment	Summary in 99-475. Different funding source.	
99-475B	Friends of the Greensprings	Keene Creek Watershed Assessment	\$1,531.20	Assessment	Summary in 99-475. Different funding source.	
99-476	Friends of the Greensprings	Emigrant Watershed Demonstration Project	\$76,135.00	Assessment	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.	
99-477	Upper Rogue WS Assn	Spirit 2000 Water Fest & Nature's Treasures Science Fair	\$1,900.00	Education	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.	
99-479	Applegate River WSC	Applegate Floodway Restoration Project	\$22,005.26	Restoration	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.	
99-480	Applegate River WSC	Williams Community Hydrologic Analysis & Flood Mgmt Proj	\$28,350.00	Assessment	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.	
99-482	Applegate River WSC	Applegate Watershed Stewardship Demo & Landowner Assist Proj	\$69,630.37	Education	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.	
99-482A	Applegate River WSC	Applegate Watershed Stewardship Demo & Landowner Assist Proj	\$22,734.34	Education	Summary in 99-482. Different funding source.	
99-487	Rogue Valley COG	Valley of the Rogue Park (Salmon Obs Deck)	\$8,251.55	Education	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.	
<b>Jackson County Total</b>			<b>5,454,934.05</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Jefferson County
200-126	Trout Creek WSC	Trout and Sagebrush Creeks Gaging Stations	\$6,800.00	Monitoring	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.	
201-048	Jefferson SWCD	Middle Deschutes Watershed Coordinator & Council Support	\$76,226.99	Council Support	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.	
201-193	Upper Deschutes WSC	Alder Springs riparian & Upland Restoration and Enhancement	\$14,710.89	Restoration	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.	
201-353	Jefferson SWCD	Mid-Trout Creek Push-Up Dam Removal Project	\$51,500.00	Restoration	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.	
201-500	Willow Creek WSC	Higgins Creek Restoration	\$36,161.00	Restoration	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.	
203-060	Deschutes Basin Land Trust	Metolius Preserve Acquisition	\$450,000.00	Acquisition	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).	
203-060A	Various	Metolius Preserve Direct Costs	\$944.70	Appraisal	Various direct costs	
204-044	Jefferson SWCD	Jefferson SWCD Support	\$9,146.34	Council Support	2003-05 Council Support for Trout Cr, Willow Cr WSC	
204-044A	Jefferson SWCD	Jefferson SWCD Support	\$28,353.66	Council Support	2003-05 Council Support for Trout Cr, Willow Cr WSC	
204-044B	Jefferson SWCD	Jefferson SWCD Support (2001-03 C/O)	\$5,000.00	Council Support	2003-05 Council Support for Trout Cr, Willow Cr WSC	
204-138	Jefferson SWCD	Trout Cr Berm Removal/Channel Reconstruction	\$195,000.00	Restoration	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.	
204-398	Willow Creek WSC	Higgins Cr Restoration-Supplemental Request	\$42,922.00	Restoration	This project would replace a culvert with a bridge to restore fish passage, upstream it would replace culvert with a hardened crossing, replace three undersized culverts, fix a headcut and install fencing to protect four miles of riparian area. Higgins Creek has native redband trout and is a tributary to Willow Creek that flows into the Deschutes.	

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Jefferson County</b>
99-005	Jefferson SWCD	Jefferson Cty MidDeschutes Wtrshd Coord & Council Support	\$76,542.87	Council Support	This proposal will allow Jefferson County SWCD to hire a full-time Watershed Coordinator for the Middle Deschutes portion of the Deschutes basin. The Watershed Councils (Willow Creek & Trout Creek) have developed proposals for funding from several entities, to address the watershed systems approach to long-range planning and implementation. We are in need of a full-time person to facilitate Council meetings and develop long-range plans, project coordination, and educational outreach activities.	
99-553	Upper Deschutes WSC	Central Oregon Regional Watershed Info & Outreach Prog	\$31,597.00	Education	Establish a regional information and outreach program linked to the goals of the watershed groups in the Middle, Crooked, and Upper Deschutes sub-basins.	
99-553A	Upper Deschutes WSC	Central Oregon Regional Watershed Info & Outreach Prog	\$14,023.44	Education	Summary in 99-553. Different funding source.	
99-564	Jefferson SWCD	Tenmile Creek Riparian Fencing/Offsite Watering Project	\$39,775.00	Restoration	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.	
<b>Jefferson County Total</b>			<b>1,078,703.89</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Josephine County
200-040	Illinois Valley SWCD/WSC	Illinois Valley Ground Water Assessment	\$86,609.00	Assessment	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.	
200-070	Josephine SWCD	Middle Rogue Forest Health Initiative	\$50,469.79	Restoration	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 be conducted over a 5 year period by Oregon Dept. of Forestry, Josephine SWCD and Middle Rogue Watershed Association.	
200-220	Illinois Valley SWCD	Illinois Valley Technical Assistance	\$32,000.00	Technical Assistance	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.	
200-263	Oregon Water Trust	East Fork Illinois River Drought 2001 Response Project	\$15,590.00	Acquisition	Oregon Water Trust will lease consumptive water rights from one landowner on the East Fork Illinois, a priority watershed within the Illinois sub-basin, and convert those to instream water rights for the 2001 irrigation season.	
200-264	Bureau of Reclamation	Bureau of Reclamation-Rogue R. Engineer Position	\$75,000.00	Technical Assistance	Technical assist for fish passage issues in the Rogue river basin.	
201-017	Illinois Valley WSC	Illinois Valley Watershed Council Support	\$50,165.00	Council Support	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.	
201-017A	Illinois Valley WSC	Illinois Valley Watershed Council Support	\$5,000.00	Council Support	Same as 201-017. Change in funding source.	
201-017B	Illinois Valley WSC	Illinois Valley Watershed Council Support	\$25,835.00	Council Support	Same as 201-017. Change in funding source.	
201-020	Middle Rogue WSC	Middle Rogue WSC Support	\$37,002.00	Council Support	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.	
201-020A	Middle Rogue WSC	Middle Rogue WSC Support	\$5,000.00	Council Support	Same as 201-020. Change in funding source.	
201-020B	Middle Rogue WSC	Middle Rogue WSC Support	\$38,998.00	Council Support	Same as 201-020. Change in funding source.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
201-116	Illinois Valley SWCD	Illinois Valley WQ Monitoring Program	\$21,964.00	Monitoring	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.
201-118	Williams Creek WSC	Private Road Inventory & Sediment Yield Analysis	\$5,548.00	Monitoring	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.
201-118A	Williams Creek WSC	Private Road Inventory & Sediment Yield Analysis	\$5,548.00	Monitoring	Same as 201-118. Change in fund source.
201-141	IBIG Forestry Action Committee	Illinois Valley Riparian Tree Planting Project	\$51,552.00	Restoration	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.
201-141A	IBIG Forestry Action Committee	Illinois Valley Riparian Tree Planting Project	\$13,588.46	Restoration	Same as 201-141. Change in fund source.
201-307	Pacifica: A Garden in the Siskiyou	Pacifica's Irrigation Diversion Modification/ Fish Passage	\$27,900.00	Restoration	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.
201-307B	Pacifica: A Garden in the Siskiyou	Engineering for 201-307 Pacifica's Irrigation Diversion	\$11,000.00	Restoration	This project is the engineering/design part of grant 201-307.
201-309	Illinois Valley SWCD/WSC	Kerby Ditch Gravel Push-Up Dam Removal Project	\$217,160.00	Restoration	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.
201-309A	Illinois Valley SWCD/WSC	Engineering Kerby Ditch Gravel Push-Up Dam Removal Project	\$41,350.00	Restoration	Same as 201-309. Change in funding source.
201-438	Rogue Valley COG	Grants Pass Water Quality Monitoring	\$33,309.00	Monitoring	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Josephine County
201-444	Grants Pass Irrigation District	GPID Pump Installation and Removal of Savage Rapids Dam	1,750,000.00	Restoration	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.	
201-444A	Grants Pass Irrigation District	GPID Pump Installation and Removal of Savage Rapids Dam	\$500,000.00	Restoration	Same as 201-444. Change in fund source.	
201-593	Williams Creek WSC	Williams Creek Groundwater Assessment	\$74,176.00	Assessment	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.	
203-016	Middle Rogue WSC	Middle Rogue Riparian Planting Project	\$108,196.00	Restoration	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.	
203-127	Williams Creek WSC	Williams Cr Land Acquisition Project	\$42,000.00	Acquisition	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.	
203-127A	Various	Williams Cr Land Acquisition-Direct Costs	\$1,943.88	Appraisal	Review appraisal, AG and hazardous review costs	
203-128	Pacifica: A Garden In The Siskiyou	Natural Resources WS Education Through Science Inquiry	\$3,162.47	Education	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.	
203-238	Williams Creek WSC	East Fork Williams Cr Salmon Restoration Tech Design	\$27,972.00	Technical Assistance	East Fork Williams Cr Salmon Restoration Tech Design	
204-012	Illinois Valley WSC	Illinois Valley WSC Support	\$9,869.76	Council Support	2003-05 Council Support for Illinois Valley WSC	
204-012A	Illinois Valley WSC	Illinois Valley WSC Support	\$30,596.24	Council Support	2003-05 Council Support for Illinois Valley WSC	
204-015	Middle Rogue WSC	Middle Rogue WSC Support	\$17,073.17	Council Support	2003-05 Council Support for Middle Rogue WSC	
204-015A	Middle Rogue WSC	Middle Rogue WSC Support	\$52,926.83	Council Support	2003-05 Council Support for Middle Rogue WSC	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Josephine County</b>					
204-089	Applegate River WSC	Slate Cr Instream Habitat Enhancement	\$14,106.20	Restoration	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.
204-089A	Applegate River WSC	Slate Cr Instream Habitat Enhancement	\$1,562.80	Restoration	Same as 204-089. Change in fund source.
204-096	IBIG Forestry Action Committee	Illinois Valley Riparian Tree Planting	\$68,435.00	Restoration	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.
204-096A	IBIG Forestry Action Committee	Illinois Valley Riparian Tree Planting	\$4,330.00	Restoration	Same as 204-096. Change in fund source.
204-283	Applegate River WSC	Applegate Basin Monitoring	\$58,307.00	Monitoring	This project funds monitoring for the effectiveness of the Applegate Subbasin TMDL as well as monitoring of restoration projects. The data collected will support development of a water quality management plan for TMDL implementation. OWEB funds will support a project manager and technician.
204-447	Pacifica: A Garden in the Siskiyou	Natural Resources/WS Education Project	\$5,583.00	Education	The project proposes to maintain and expand the outreach program for natural resource education for the 2004/2005 academic year developed and implemented by Pacifica. The project would provide a mobile classroom, 70 on-site delivery days to local schools. The program encompasses information and instruction in watershed-based science inquiry learning. The program focuses on K-8 and is delivered through a mobile classroom.
204-495	Pacifica: A Garden in the Siskiyou	Design & Engineering of Messinger Road Irrigation Pipeline	\$31,080.00	Technical Assistance	Technical assistance is needed to support the design, engineering, and production of construction drawings and bid documents for the construction of a two-mile long pipeline from the Applegate River to Williams. The project would result in the removal of one push up dam and could, through the purchase of stored water in the Applegate Dam, result in increase stream flows. OWEB funds will be used to support engineering, design, and production costs.
205-020	Williams Creek WSC	East Fork Williams Creek Restoration	\$35,420.00	Restoration	The project proposes to enhance native salmonid habitats through placement of large wood and boulders in the East Fork of Williams Creek over a two-year period. The project is located in Williams Creek in the Applegate sub-basin of the Rogue River. Project activities would enhance instream complexity for adult and juvenile salmonids.
205-020A	Williams Creek WSC	East Fork Williams Creek Restoration	\$550.00	Restoration	Same as 205-020. Change in fund source.
99-065	Rogue Valley COG	IBIG Riparian Tree Planting	\$56,186.85	Restoration	This is a community riparian tree planting project which targets private landowners within the Illinois River Watershed, Rogue Basin. Emphasis on essential salmonid habitat. This year-round project is sponsored by the IBIG Forestry Action committee, with funding, two paid positions and a donated office 5 months of the year. Broad-based outreach, education, volunteerism and community building are cultivated, as well as planting and caring for a variety of native trees and shrubs. This grant request is for the 1999-2001 biennium.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Josephine County</b>					
99-083	Illinois Valley WSC	Illinois Valley WS Council Coordinator	\$78,830.22	Council Support	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.
99-083FF	Illinois Valley WSC	Balance from 99-083 to FF-NOAA	\$8,740.41	Council Support	Summary in 99-083. Different funding source.
99-084	Illinois Valley WSC	Wing/Ferren Ditch, Water Conserv/Fish Enhancement	\$32,785.00	Restoration	This project will increase irrigation efficiency and leave water instream for fish habitat. The project addresses water conservation which will reduce the amount of water taken from the stream. The project will upgrade the existing irrigation system by piping a leaky 2 mile long ditch. At the present time, water is diverted continuously all summer. A new system will allow irrigators to regulate their water rights. Water can be shut-off when not in use. This will automatically leave water in Rough & Ready Creek. Irrigators will install on farm sprinkler systems to replace flood irrigation, also conserving water. The project will include installing a fish screen and notching the dam for fish passage.
99-084A	Illinois Valley WSC	Wing/Ferren Ditch, Water Conserv/Fish Enhancement	\$30,000.00	Restoration	Summary in 99-084. Different funding source.
99-149	Illinois Valley SWCD	Rogue Basin Engineering Service	\$46,946.80	Restoration	Engineering services obtained through this grant in conjunction with a continuation grant requested from ODA and engineering services which the Bureau of Reclamation has committed to providing will be used to eliminate barriers to fish passage, design alternatives for gravel push-up dams and to design water quality/fish enhancement projects. A target of designs for 24 projects has been established, with this grant providing 6 designs, the ODA grant 12 designs and the Bureau of Reclamation providing 6 designs.
99-186	Upper Rogue WS Assn	Upper Rogue WS Council Support/Coordinator Funding	\$70,875.00	Council Support	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.
99-186FF	Upper Rogue WS Assn	Upper Rogue WS Council Support/Coordinator Funding	\$7,875.00	Council Support	Summary in 99-186. Different funding source.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Josephine County</b>
99-299	Middle Rogue WSC	Middle Rogue WC Support	\$47,644.00	Council Support	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 board to assure project success and effectiveness.	
99-299FF	Middle Rogue WSC	Middle Rogue WC Support	\$3,862.88	Council Support	Summary in 99-299. Different funding source.	
99-312	Illinois V. SWCD/WC	Illinois R. Assessment on Private Lands	\$8,240.00	Assessment	Project will provide comprehensive riparian zone shade and channel analysis on the Illinois River and certain tributaries. Analysis will include; assessment of existing shade in riparian zones and recovery potential by reach, assessment of existing channel and potential for recovery using Rosgen classification, peer review, submittal and presentation of a final report. Work will meet requirements of Federal Clean Water Act for 303(d) listed streams and SB 1010 and performed by experienced/qualified professional under contract to the District. District will provide local coordination and contract oversight. Project will complete shade and channel analyses affecting approximately 120,000 acres and complete assessment for the entire sub-watershed.	
99-312A	Illinois V. SWCD/WC	Illinois R. Assessment on Private Lands	\$2,761.92	Assessment	Summary in 99-312. Different funding source.	
99-343	Illinois Valley SWCD	Illinois Valley Monitoring	\$16,491.62	Monitoring	This project will enable the watershed council to measure the effectiveness of 27 previously completed projects. This project will also enable the watershed council to continue to compile baseline water quality data for current conditions using the State Monitoring Protocol, to compare this data to historic findings, fill in data gaps for USFS, BLM and DEQ's water quality monitoring programs, and to develop water quality trends and new watershed project sites in Illinois Valley	
99-344	Illinois Valley SWCD	Sucker Ck Gravel Push-up Dam Removal	\$55,571.00	Restoration	This project proposes to remove 5 gravel push-up dams on Sucker Creek. Sucker Creek has been identified as the best coho salmon stream in the Illinois basin. Alternatives to the dams include changing points of diversions down stream and new methods of water withdraw include an inverted siphon, sumps and pumping stations. Rock barbs, log barbs and toe rock will be placed to ensure adequate water at the diversion points and pump stations are not eroded away.	
99-344A	Illinois Valley SWCD	Sucker Creek permit	\$22,088.00	Restoration	Technical/Permit Support for 99-344	
99-349A	Applegate River WSC	Fish Passage Flow Enhancement on Little Applegate	\$20,000.00	Restoration	Fish passage flow enhancement on the Little Applegate.	
99-485A	Applegate River WSC	Stream Habitat & Water Quality in the Applegate	\$44,025.00	Monitoring	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.	
99-485B	Applegate River WSC	Stream Habitat & Water Quality in the Applegate	\$124,722.00	Monitoring	Summary in 99-485A. Different funding source.	
99-489	Rogue Basin Coordinating Council	Rogue Basin Streamflow Assessment	\$25,636.13	Assessment	Measure streamflows in the Rogue Basin during low flow season to assist in establishing restoration priorities, developing TMDL models, and supporting ongoing watershed temperature studies.	
<b>Josephine County Total</b>			<b>4,391,160.43</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
	<b>Klamath County</b>				
200-135	The Nature Conservancy	Land Acquisitions at Sycan, Upper Sycan and Klamath	\$750,000.00	Acquisition	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.
200-135A	Ted Foster & Assoc	Land Acquisitions at Sycan, Upper Sycan and Klamath/Review Ap	\$630.00	Appraisal	Review Appraisal for 200-135.
200-136A	The Nature Conservancy	Wetland Restoration for the Williamson River Delta	\$87,409.28	Restoration	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.
201-041	Klamath WSC	Klamath Watershed Council Coordinator	\$76,780.00	Council Support	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.
201-196	Klamath SWCD	Wood River Large Woody Debris Project	\$10,808.00	Restoration	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.
201-200	Rabe Consulting	Sprague River Water Quality and Water Conservation Proj.	\$3,230.00	Restoration	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.
201-202	Water for Life Foundation	Sprague River Ranch Irrigation Water Recovery System	\$11,067.71	Restoration	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.
201-337	Klamath-Lake Forest Health Partnership	Forest Health Outreach Program	\$9,693.34	Education	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.
201-339	OSU Klamath Co Extension	Watershed Education Program And Facilitator	\$58,480.88	Education	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Klamath County</b>					
201-356	Ducks Unlimited Inc	Klamath Wildlife Area/Miller Island Wetlands Restoration	\$170,877.00	Restoration	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.
201-493	OSU Klamath Co Extension	Watershed Education Program	\$44,569.00	Education	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.
201-499	Fort Klamath Properties LLC	Agency Creek Dam Removal & Stream Restoration Phase 2	\$95,040.00	Restoration	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.
201-501	Klamath SWCD	Phil Patti Wood River Riparian Restoration Project	\$16,163.00	Restoration	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.
201-502A	REACH Inc	Deming Creek Trail Bull Trout Habitat Restoration	\$11,000.00	Restoration	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.
201-503	The Nature Conservancy	Restoration of Lake Fringe Wetland Habitat/Williamson River	\$126,156.00	Restoration	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.
201-663	Upper Deschutes WSC	Trapper Creek Stream Restoration Phase I	\$43,900.60	Restoration	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.
201-666	Mike Tyrholm	Lakeside Farms	\$42,000.00	Restoration	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.
203-078	Dan Ridgeway	Sprague River Wetlands/Ridgeway (Phase I & II)	\$359,000.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
203-172	Klamath Basin Ecosystem Foundation	U Klamath Basin WS Assess & Rest Plan	\$396,000.00	Assessment	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.
203-172Z	Unknown	Unallocated Klamath County Earmark	\$574,000.00	Assessment	Unallocated Klamath County Earmark
203-174	Klamath Basin Ecosystem Foundation	Double K Ranch Wetland Treatment Project	\$31,767.00	Restoration	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.
203-175	Herman Anderson	George Springs	\$45,000.00	Restoration	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.
203-180	Yainix Ranch	Lower Sycan River Restoration	\$83,500.00	Restoration	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.
204-040	Klamath WSC	Klamath WSC Support	\$19,526.58	Council Support	2003-05 Council Support for Klamath WSC
204-040A	Klamath WSC	Klamath WSC Support	\$60,532.42	Council Support	2003-05 Council Support for Klamath WSC
204-137	Gordon Webb	Sprague River 2003/Webb	\$129,750.00	Restoration	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. The project also will narrow the channel by adding fill material and sod mats to the river edges, fence off the river in keeping with a new grazing management plan under development and plant native vegetation along the disturbed areas and the new plugs. OWEB funds will be used for project design, construction, and monitoring.
204-228	Ducks Unlimited Inc	C7 Ranch Wetland & Riparian Restoration	\$57,720.00	Restoration	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.
204-299	Oregon Institute of Technology	Transcription of General Land Office Survey Notes	\$26,000.00	Assessment	The original survey notes from 1860-1912 of section lines provide the first quantitative descriptions of watershed cover. This information can aid in the assessment of historic conditions in the Klamath Basin. The project would transcribe those notes and display the information on maps, tables and descriptions. OWEB funds would be used to support an OIT student to transcribe the notes and make the Access data available. Other partners in this project include OIT and the USFWS.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Klamath County</b>					
204-391	Sustainable Northwest	Yainix Ranch-Model Conservation Easement	\$150,000.00	Acquisition	A conservation easement would be purchased to ensure the restoration of two miles of the Sycan River. This is habitat for the endangered Lost River and short-nosed suckers and the area contributes to high nutrient loading in Upper Klamath Lake. This is a model conservation easement based upon restoration of stream function and maintaining the agricultural base of the community.
204-391A	Various	Yainix Ranch-Direct Costs	\$12,501.28	Acquisition	Acquisition AG, DEQ and review appraisal costs
204-459	OSU Klamath County Extension	Watershed Education Program	\$60,196.00	Education	This project will provide and coordinate watershed-based education and outreach to landowners, educators, youth leaders and the community in order to promote the health and long-term stewardship of the Klamath watershed.
204-474	Klamath SWCD	CREP Tech Assistance (05-28-04 Bd Approved)	\$45,000.00	CREP Technical Assist	CREP Tech Assistance
204-509	Klamath WSC	Caledonia Wetlands Project	\$49,875.00	Technical Assistance	Technical assistance is needed to do the engineering necessary to ensure that damage does not occur to the adjacent highway and adjacent property, when 750 acres of historic wetland are restored to wetland habitat. The land would be reconnected to Klamath Lake by breaching a dike. OWEB funds will be used to retain a biologist and a hydrologist with qualifications in wetland design to develop a restoration plan for the diked and drained wetlands to be returned to seasonal and perennial wetlands with berms. The Caledonia project will create habitat for terrestrial and aquatic species, thereby increasing the critical habitat area for the endangered Lost River and shortnose sucker.
204-510	Klamath Basin Ecosystem Foundation	Redband Ranch Hydrologic Design	\$12,180.00	Technical Assistance	The property on the ranch, including Crystal Creek, Rock Creek and the wetland fringe of Klamath Lake has been altered by logging and livestock. The hydrology has been changed and there is interest in determining if fish passage could be re-established in Rock Creek for bull trout, redband trout, and the Lost River and shortnose suckers of Upper Klamath Lake. OWEB funds will be used to retain a hydrologist, fisheries biologist, and range conservationist to look at integrated ways to improve and manage the resource values of this area.
99-085	Klamath WSC	Klamath WS Council Coordinator	\$61,814.70	Council Support	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.
99-085A	Klamath WSC	Klamath WS Council Coordinator	\$6,868.30	Council Support	Summary in 99-085. Different funding source.
99-086	Klamath SWCD	Poe Valley Monitoring Project	\$22,309.34	Monitoring	Develop and implement a comprehensive water quality monitoring project on the 11.7 mile stretch of the Lost River in Poe Valley. This project is landowner driven and will address questions and needs of several individuals and organizations including establishing a baseline for water quality (including the determination of natural occurring background levels) and development of a pilot project that can be adapted or expanded to other reaches of the Lost River. Project development if being done using Oregon Department of Environmental Quality's guidelines. A draft monitoring plan has been developed under the Environmental Protection Agency's, the Volunteer Monitor's Guide to Quality Assurance Project Plan.
99-086A	Klamath SWCD	Poe Valley Monitoring Project	\$44,559.66	Monitoring	Same as 99-086. Change in fund source.

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Klamath County</b>
99-386	Klamath SWCD	Internet Accessible GIS for Resource Planning	\$28,208.00	Education	This project will provide readily accessible GIS mapping for planning information for landowners and watershed groups, schools and interested public via user-friendly Internet programs. Coverage currently available online are streams, 303(d) lists, watershed boundaries, roads, city/town/county boundaries, lakes and wetlands, generalized ownership, soils and topography which will be displayed on a shaded hill or orthophoto base map depending upon desired map scale. Layers to be added include land use, vegetation types and completed restoration projects.	
99-549	Dan Ridgeway	Sprague River Wetlands - Ridgeway	\$73,150.00	Restoration	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.	
99-559	The Nature Conservancy	Upper Sycan Watershed Water Quality Enhancement	\$278,355.00	Restoration	Thin 4,600 acres of over-stocked forest with Bobcat equipment and fill 2.5 miles of drainage ditch to restore marsh ecosystem.	
<b>Klamath County Total</b>			<b>4,185,618.09</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Lake County</b>
200-236	Upper Chewaucan WSC	Chewaucan River Paisley Town Weir Engineering and Assessment	\$40,000.00	Technical Assistance	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.	
201-045	Ore-Cal RC&D	Lake County Watershed Coordinator	\$54,661.00	Council Support	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.	
201-045A	Ore-Cal RC&D	Lake County Watershed Coordinator	\$19,689.62	Council Support	Same as 201-045. Change in funding source.	
201-348	Lakeview SWCD	East Chewaucan Enhancement Project	\$47,050.00	Restoration	This project will enhance and restore native riparian and upland vegetation though juniper cutting.	
201-498	Ducks Unlimited Inc	McFarland Ranch & Refuge Restoration	\$176,500.00	Restoration	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.	
201-730	Fremont National Forest	Chewaucan culvert project	\$232,000.00	Restoration	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.	
203-071	Fort Rock Silver Lake SWCD	Schons Bridge Cr Riparian Restoration	\$17,569.88	Restoration	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.	
203-072	Lakeview SWCD	Point Ranch WS Enhancement	\$88,827.00	Restoration	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.	
203-073	Lakeview SWCD	Clover Flat/Valley Falls WS Enhancement	\$27,250.00	Restoration	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.	
203-177	Ducks Unlimited Inc	Goose Lake Restoration & Riparian Protection	\$495,660.00	Restoration	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.	
203-184	The Nature Conservancy	Restoration of Bull Trout Habitat in Long Cr - Sycan Marsh	\$49,463.00	Restoration	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.	

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Lake County</b>
204-045	Silver Lake WS Council	Lake County WSC Support	\$9,146.34	Council Support	2003-05 Council Support for Upper Chewaucan, Silver Lake, Sycan, Chewaucan, Deep Cr, Goose Lake WSCs	
204-045A	Silver Lake WS Council	Lake County WSC Support	\$28,353.66	Council Support	2003-05 Council Support for Upper Chewaucan, Silver Lake, Sycan, Chewaucan, Deep Cr, Goose Lake WSCs	
204-045B	Silver Lake WS Council	Lake County WSC Support (2001-03 C/O)	\$4,446.00	Council Support	2003-05 Council Support for Upper Chewaucan, Silver Lake, Sycan, Chewaucan, Deep Cr, Goose Lake WSCs	
204-045C	Silver Lake WS Council	Lake County WSC Support (09-03 Award)	\$554.00	Council Support	2003-05 Council Support for Upper Chewaucan, Silver Lake, Sycan, Chewaucan, Deep Cr, Goose Lake WSCs	
204-211	Oregon Rangeland Trust	Drew's Valley Ranch	\$700,000.00	Acquisition	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.	
204-211A	Various	Drew's Valley Ranch-Direct Costs	\$7,463.00	Appraisal	Direct Costs: Attorney General and Review appraisal costs	
204-401	Bagley Ditch Company	Paisley Town Weir	1,300,000.00	Restoration	The project would remove and replace, at an upstream location, the Paisley Town Weir. The project would construct a fish friendly diversion that is screened and allows fish passage. The weir diverts up to 104 cfs for the Bagley Ditch Company and the citizens of Paisley. The existing weir has blocked fish passage in the Chewaucan River since 1965.	
204-402	Lake Co Road Department	Crane Cr Passage 2004	\$78,821.15	Restoration	This project would replace culverts at two road crossings with two bridges to allow native redband trout passage to travel back upstream three miles. Crane Creek is just east of Goose Lake south of Lakeview.	
205-046	Ducks Unlimited Inc	Warner Wetlands Pump Screen	\$69,660.00	Restoration	This project in the Warner Basin adjacent to Hart Mountain and Hart Lake would improve the pumping capabilities to move water from Hart Lake to a 1200 acre wetland managed by the Bureau of Land Management. In addition, it would provide fish screening to protect the ESA listed Warner Sucker fish.	
99-385	Silver Lake Community WC	Silver Lake WS Assessment/Action Plan	\$39,153.11	Assessment	The Silver Lake Community Watershed Council is a group of private landowners and public employees committed to enhancing watershed conditions for water quality, stream and riparian health, native fish and wildlife habitat, forage and feed production for wildlife and livestock, within three watersheds ( 167,487 acres) of the Fort Rock Basin near the community of Silver Lake, Oregon. The three watersheds include Buck Creek (33,051 acres), Bridge Creek ( 26,158 acres), and Silver Creek (108,278 acres). The council is requesting OWEB funding to complete surveys on nearly 100 miles of perennial stream within the three watersheds listed above. These stream surveys would be similar to those completed by the Upper Chewaucan Watershed Council and would be conducted on both private and public lands along Buck Creek, Bridge Creek, Silver Creek, West Fork Silver Creek, North Fork Silver Creek and Guyer Creek. These channel morphology and habitat surveys would include the parameters shown in A2. Upland conditions would also be evaluated with recommendations to improve forest health, water quality and quantity.	
99-385A	Silver Lake Community WC	Silver Lake WS Assessment/Action Plan	\$20,232.41	Assessment	Summary in 99-385. Different funding source.	
99-411	Lakeview High School	Drew's Cr. Restoration/Monitoring	\$16,489.00	Restoration	This project will use high school students and interested public members to survey 10 river miles of Drew's Creek, carry out monitoring activities on selected portions, and carry out repairs in selected areas. These efforts will be accompanied with educational goals.	

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## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lake County
99-554	Lakeview SWCD	Rogers Ranch	\$22,220.00	Restoration	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.	
99-567	Ore-Cal RC&D	Lake County Watershed Coordinator	\$20,590.21	Council Support	Fund a Lake County Watershed Coordinator to help three local watershed councils complete watershed assessments and secure funding for restoration projects.	
99-568	Harvey Ranch	Dairy Creek & Elder Creek Streambank Enhancement & Education	\$1,136.90	Restoration	Fund two electric fences to protect later seral plant communities in riparian areas from grazing livestock on a rotating basis.	
<b>Lake County Total</b>			<b>3,566,936.28</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
200-016	Siuslaw WSC	Upper Deadwood Creek Fishery Habitat Enhancement	\$182,000.00	Restoration	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).	
200-025	Siuslaw WSC	NF Siuslaw River Channel Migration and Riparian	\$15,625.00	Assessment	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 be provided.	
200-068	North Umpqua Foundation	Horse Heaven Creek Instream Large Wood Placement	\$93,000.00	Restoration	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 placed 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.	
200-082A	Long Tom WSC	Long Tom Monitoring Project	\$119,423.44	Monitoring	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.	
200-082B	Long Tom WSC	Long Tom WS Restoration Project	\$109,468.93	Restoration	Same as 200-082A. Change in fund source.	
200-093	McKenzie WSC	McKenzie- Willamette River Habitat River Enhancement	\$105,589.16	Assessment	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.	
200-095	Middle Fork Willamette WSC	Middle Fork Willamette WSA (balance in 201-556)	\$82,847.00	Assessment	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.	
200-100	City of Eugene Public Works	Land Acquisition West Eugene Wetlands	\$900,000.00	Acquisition	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.	
200-100A	Ted Foster & Assoc	Land Acquisition West Eugene Wetlands/Review Appraisal	\$1,710.00	Appraisal	Review Appraisal for 200-100.	
200-110	Friends of Buford Park/MT Pisgah	South Pasture/BPA Parcel Floodplain Enhancement	\$70,150.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
200-226	Long Tom WSC	Long Tom Fish Passage and Culvert Assessment	\$8,294.00	Technical Assistance	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.	
201-005	Siuslaw WSC	Siuslaw Watershed Council Support	\$103,138.00	Council Support	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	
201-005A	Siuslaw WSC	Siuslaw Watershed Council Support	\$6,500.00	Council Support	Same as 201-005. Change in funding source.	
201-027	Coast Fork Willamette WSC	Coast Fork Willamette WSC Coordination & Administration	\$75,000.00	Council Support	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.	
201-027A	Coast Fork Willamette WSC	Coast Fork Willamette WSC Coordination & Administration	\$6,000.00	Council Support	Same as 201-027. Change in funding source.	
201-030	Long Tom WSC	Long Tom Watershed Council Support	\$75,000.00	Council Support	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.	
201-030A	Long Tom WSC	Long Tom Watershed Council Support	\$6,000.00	Council Support	Same as 201-030. Change in funding source.	
201-036	Middle Fork Willamette WSC	Middle Fork Willamette WSC Support	\$74,846.30	Council Support	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.	
201-036A	Middle Fork Willamette WSC	Middle Fork Willamette WSC Support	\$6,000.00	Council Support	Same as 201-036. Change in funding source.	
201-064	The Siuslaw Institute Inc	Mapleton Schools Natural Resource Education Program II	\$13,605.00	Education	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	
201-082	MidCoast WSC	Buck Creek Instream Habitat Improvement	\$29,850.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
201-093	Siuslaw WSC	Siuslaw River/Sandy Cr.	\$9,370.64	Restoration	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.	
201-106	Siuslaw WSC	Siuslaw Restoration Materials Acquisition Project	\$14,407.94	Restoration	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.	
201-156	Lost Creek Watershed Group	Lost Creek Education, Outreach and Monitoring	\$49,765.00	Education	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.	
201-160	McKenzie WSC	McKenzie Watershed Macroinvertebrate Monitoring Project	\$7,425.00	Monitoring	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.	
201-171	Western Pond Turtle WG	Willamette Basin Western Pond Turtle Habitat & pop Assess	\$60,000.00	Assessment	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.	
201-174	Oregon Country Fair	Indian Creek Enhancement Project	\$65,650.00	Restoration	Indian Creek Enhancement Project	
201-182	Lane County Parks Division	Richardson Creek restoration Project	\$96,811.06	Restoration	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.	
201-269	School District 97-J	Siuslaw Middle School Stream Team	\$10,691.31	Education	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.	
201-279	Siuslaw WSC	Siuslaw Fish Passage Improvement Project/Plan III Planning	\$29,700.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
201-423	Siuslaw WSC	Oxbow Creek	\$4,378.00	Restoration	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.	
201-424	Siuslaw SWCD	Karnowsky Creek WS Restoration Project Phase 1	\$195,297.00	Restoration	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.	
201-467	Coast Fork Willamette WSC	Lower Coast Fork Willamette WS Assessment	\$63,668.00	Assessment	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.	
201-470	McKenzie WSC	McKenzie Willamette River Confluence Habitat Enhanc & Evalua	\$80,235.67	Restoration	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.	
201-472	Long Tom WSC	Poodle Creek Fencing & Riparian Planting Project	\$21,974.34	Restoration	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.	
201-473	Long Tom WSC	Peters Restoration & Enhancement Project	\$3,658.85	Restoration	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.	
201-480	Friends of Buford Park/Mt Pisgah	So Meadow/BPA Parcel Floodplain Enhancement Project II 02-03	\$94,495.00	Restoration	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.	
201-556	Middle Fork Willamette WSC	Assessment/Action plan(balance from 200-095)	\$20,000.00	Assessment	This project will help with additional costs to in finalizing the assessment.	
201-557	Coast Fork Willamette WSC	Lower Coast Fork Willamette WS Assessment	\$22,550.00	Assessment	This project will help with additional costs to in finalizing the assessment.	
201-570	Siuslaw WSC	Siuslaw Basin Rapid Bioassessment Project	\$36,330.00	Assessment	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.	

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
201-573	Siuslaw WSC	Siuslaw Riparian Restoration Project II	\$37,515.67	Restoration	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.	
201-573A	Siuslaw WSC	Siuslaw Riparian Restoration Project II	\$2,327.82	Restoration	Same as 201-573. Change in fund source.	
201-575	The Siuslaw Institute Inc	Deadwood Creek CRMP Enhancement Project Final Phase	\$16,200.00	Restoration	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.	
201-584	The Nature Conservancy	Early Detection/ Control of Spartina Patens in Siuslaw Estua	\$19,568.00	Restoration	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.	
201-613	City of Eugene, Public Works Dept	Land Acquisitions in the West Eugene Wetlands	\$500,000.00	Acquisition	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.	
201-613A	City of Eugene, Public Works Dept	Appraisal West Eugene Wetlands	\$2,260.00	Appraisal	Appraisal for the West Eugene Wetlands.	
201-640	Long Tom WSC	Historic Coyote Creek Bottomland Restoration	\$12,158.00	Restoration	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.	
201-642	East Lane SWCD	Bergey Wetland Restoration	\$56,387.05	Restoration	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.	
201-731	Cascade Pacific RC&D	Lane County Culverts	\$46,292.00	Restoration	Lane county culvert replacements.	
201-738	Long Tom WSC	Long Tom Watershed Assessment	\$1,000.00	Assessment	Assessment for the Long Tom	
203-164	Friends of Buford Park/Mt Pisgah	S Meadow/BPA Parcel Floodplain Enhancement Project III	\$156,110.00	Restoration	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.	
203-164A	Friends of Buford Park/Mt Pisgah	S Meadow/BPA Parcel Floodplain Enhancement Project III	\$131,100.00	Restoration	Same as 203-023.	

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# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
203-229	Siuslaw SWCD	Siuslaw Basin Habitat Enhancement Design	\$17,600.00	Technical Assistance	Siuslaw Basin Habitat Enhancement Design	
203-231	MidCoast WSC	MidCoast Priority 6th Field Scale Restoration Phase I	\$27,617.29	Technical Assistance	MidCoast Priority 6th Field Scale Restoration Phase I	
203-250	McKenzie WSC	Upper Willamette Basin Culvert Replacement Designs	\$16,500.00	Technical Assistance	Upper Willamette Basin Culvert Replacement Designs	
204-006	Siuslaw WSC	Siuslaw WSC Support	\$18,025.85	Council Support	2003-05 Council Support for Siuslaw WSC	
204-006A	Siuslaw WSC	Siuslaw WSC Support	\$55,880.15	Council Support	2003-05 Council Support for Siuslaw WSC	
204-006B	Siuslaw WSC	Siuslaw WSC Support (09-03 award)	\$8,000.00	Council Support	2003-05 Council Support for Siuslaw WSC	
204-024	Coast Fork Willamette WSC	Coast Fork Willamette WSC Support	\$9,756.10	Council Support	2003-05 Council Support for Coast Fork Willamette WSC	
204-024A	Coast Fork Willamette WSC	Coast Fork Willamette WSC Support	\$30,243.90	Council Support	2003-05 Council Support for Coast Fork Willamette WSC	
204-024B	Coast Fork Willamette WSC	Coast Fork Willamette WSC Support (Sept 03 Award)	\$5,000.00	Council Support	2003-05 Council Support for Coast Fork Willamette WSC	
204-027	Long Tom WSC	Long Tom WSC Support	\$22,381.95	Council Support	2003-05 Council Support for Long Tom WSC	
204-027A	Long Tom WSC	Long Tom WSC Support	\$69,384.05	Council Support	2003-05 Council Support for Long Tom WSC	
204-029	Middle Fork Willamette WSC	Middle Fork Willamette WSC Support	\$17,570.73	Council Support	2003-05 Council Support for Middle Fork WSC	
204-029A	Middle Fork Willamette WSC	Middle Fork Willamette WSC Support	\$54,469.27	Council Support	2003-05 Council Support for Middle Fork WSC	
204-029B	Middle Fork Willamette WSC	Middle Fork Willamette WSC Support	\$153.70	Council Support	2003-05 Council Support for Middle Fork WSC	
204-029C	Middle Fork Willamette WSC	Middle Fork Willamette WSC Support	\$500.00	Council Support	2003-05 Council Support for Middle Fork WSC	
204-058	School Dist 97-J	Siuslaw Middle School Stream Team	\$4,701.44	Education	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.	
204-071	MidCoast WSC	Helms Cr Aquatic & Riparian	\$10,325.00	Restoration	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).	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
204-073	Siuslaw SWCD	Roache Cr Stream & Wetland Restoration	\$21,898.00	Restoration	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.	
204-074	Siuslaw SWCD	Karnowsky Cr Fishery Habitat Enhancement	\$154,550.00	Restoration	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.	
204-075	Siuslaw WSC	Siuslaw Restoration Materials Acquisition	\$19,470.00	Restoration	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.	
204-107	McKenzie River Trust	Green Island Project	\$750,000.00	Acquisition	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.	
204-107A	Various	Green Island Project	\$10,998.40	Appraisal	Review appraisal, AG and hazardous review costs	
204-108	McKenzie River Trust	Acquisition of the Decker Family Conservation Easement	\$155,225.00	Acquisition	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.	
204-108A	Various	Decker Family Conservation Easement-Direct Costs	\$786.70	Appraisal	Review appraisal, AG and Harardous waste costs	
204-111	McKenzie WSC	Spawning WS Education	\$3,794.91	Education	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.	
204-112	McKenzie WSC	Upper Willamette WSC Media Outreach	\$12,584.00	Education	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.	
204-116A	Long Tom WSC	Long Tom WS Monitoring	\$15,780.00	Monitoring	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.	
204-116B	Long Tom WSC	Long Tom WS Projects	\$212,234.00	Restoration	Same as 204-116A. Change in fund source.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
204-204	Middle Fork Willamette WSC	Elijah Bristow Riparian Restore & Reforestation Phase I	\$60,000.00	Restoration	The Middle Fork Willamette Watershed Council seeks funding to restored 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.	
204-205	McKenzie WSC	Lower McKenzie Watershed Enhancement	\$83,594.00	Restoration	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.	
204-208	East Lane SWCD	U Willamette Basin Landowner Conservation	\$44,041.00	Technical Assistance	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.	
204-209	Edgewood Townhouse Association	Brae Burn Cr Restoration & Enhancement	\$31,889.00	Restoration	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.	
204-295	Long Tom WSC	Long Tom Watershed Monitoring	\$80,768.00	Monitoring	This proposal funds a water quality monitoring project using the most cost effective components of its baseline monitoring program while redirecting more costly components to focus on problem areas identified in previous monitoring. The proposal includes a statistically valid sampling of macroinvertebrate populations to assess biological conditions throughout the Long Tom watershed. OWEB funds are divided between personnel costs and sample collection and analysis costs.	
204-319	Siuslaw WSC	Lietel Creek Road Decommissioning	\$23,082.00	Restoration	A 2.5 mile segment of road adjacent to Lietel Creek, a tributary of Takenitch Lake on the central Oregon coast would be permanently decommissioned with funds from this proposal. In addition, large wood would be placed in-stream in several locations and the decommissioned roadbed would be planted with native grasses and conifers. OWEB funds would be used for road decommissioning and planting activities.	

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
204-326	Siuslaw WSC	North Fork Siuslaw Helicopter Stream Enhancement	\$149,000.00	Restoration	This project would place approximately 450 whole conifer trees (28-36"DBH) in 14 miles of the North Fork Siuslaw River to enhance habitat for anadromous fish. The log placements will be accomplished by helicopter. OWEB funds will be used for helicopter move-in and time and project management costs.	
204-333	MidCoast WSC	So Fork Yachats River Large Wood Placement/Riparian Planting	\$77,130.00	Restoration	This project would place 169 full-length trees (28-36"DBH) by helicopter to create structures at 28 different sites in the South Fork Yachats River and Grass Creek, a major tributary of the S Fork Yachats. This would treat 3.75 miles of stream. Native trees would be planted and protected by fenced enclosures along sections of these same streams. OWEB funds would be used for helicopter flight time, sawyers, fencing materials, and labor.	
204-340	Siuslaw WSC	Nelson Cr Restoration	\$8,855.00	Restoration	This project would build upon extensive restoration work previously accomplished in Nelson Creek, a tributary to Lake Creek in the Siuslaw River basin. While fish passage and other road related concerns were addressed in the previous work, this project would place 15 large wood structures along one mile of stream using a track type excavator. OWEB funds would be used for excavator move-in and work time as well as sawyer and log skidder time.	
204-442	The Siuslaw Institute Inc	Mapleton Schools' Natural Resource Education Program 3	\$11,605.00	Education	This project is a continuation of a successful four-year effort to integrate a natural resource education program into the Mapleton Schools' curriculum. A variety of methodologies are utilized both in-class and out in the field, including a student run plant nursery, to teach watershed related subjects. OWEB funds are requested for the wages of the education specialist, field trip expenses and miscellaneous materials.	
204-443	School Dist 97-J	Siuslaw Middle School Stream Team	\$8,999.00	Education	This proposal would continue an extremely successful (seven year) program in the Siuslaw Middle School. It would serve 120 seventh grade students, providing lessons on issues related to the Oregon Plan and long-term stewardship of the Siuslaw River watershed. In addition to classroom activities, the students would participate in hands-on field research opportunities with USFS, ODFW, STEP, Siuslaw Watershed Council and the local SWCD. OWEB funds would be used for substitute teacher compensation, school bus use for field trips, equipment, and materials.	
204-457	Willamette Resources & Ed Network	West Eugene Wetlands Education Program	\$25,895.00	Education	This resubmitted application proposes providing information, hands-on involvement in restoration activities, and on-site tours by staff and area experts, with a focus on the development of new, life-long environmental stewards. The education/outreach program is a collaborative effort among many wetland supporters who desire to protect/enhance natural resources through youth and community education and awareness. OWEB funds would be used for personnel (education specialist), contracted services, supplies/materials, and production costs.	
204-497	Long Tom WSC	Bear Cr Fish Passage Design	\$12,747.00	Technical Assistance	Technical assistance is needed for fish passage designs for a small irrigation dam and a culvert replacement at two locations on Bear Creek in the Long Tom Watershed. Removing these barriers will open up over five miles of spawning, winter rearing and summer refuge habitat for cutthroat trout. OWEB funds will be used for contracted services including a design engineer, principle engineer and survey technician.	
204-499	Middle Fork Willamette WSC	Lost Cr Confluence Restoration - Phase 2	\$18,000.00	Technical Assistance	Technical assistance is needed for the design of Phase 2 of a 27-acre riparian restoration and reforestation demonstration project at the confluence of Lost Creek and the Middle Fork Willamette River in Elijah Bristow State Park. The technical assistance will help the Middle Fork Willamette Watershed Council plan a restoration project designed to re-establish native riparian/floodplain forest, control invasive weeds, enhance western pond turtle habitat, and improve conditions in a manner best suited for the site. OWEB funds will be used for contracted services including project management, hiring specialists and for GIS services.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
204-503	East Lane SWCD	Lowell Butte Upland Oak Savannah & Bergey II Wetland	\$48,300.00	Technical Assistance	Technical assistance is needed to complete integrated restoration plans, and to restore, protect, and manage over 637 acres of endangered Willamette Valley upland oak savannah, oak woodland, native wet prairie, and wetland habitats. OWEB funds will be used for funding technical staff at East Lane SWCD and contracted services to provide resource inventories and noxious weed and wildlife inventories, facilitate forest stand improvements and tree and shrub establishment, treat invasive species, and develop engineering plans.	
205-030	McKenzie WSC	Simmonds Cr Improvement	\$199,870.00	Restoration	This project proposes to restore aquatic passage to 3 miles of important tributary habitat to Lower Blue River making it accessible to native species spring Chinook salmon, bull trout, rainbow trout and cutthroat trout. A concrete bridge would be installed that replaces an existing passage barrier culvert. OWEB funds would be used for personnel (project mgr.), contracted services (design, materials and labor) and administration.	
205-040	Debbie Olsen & Phil Martinez	Storm Water Management Demonstration Home	\$35,948.00	Restoration	The Tiara Stormwater Management Demonstration Home is intended to demonstrate a range of methods for incorporating stormwater management into building and site designs. The project proposes an integrated catchment and filtration system including cisterns, permeable pavers, bioswale, drywell and a walk-on green roof. It will include education (signage, public tours and brochures) and monitoring components. OWEB funds would be used for contracted services, supplies/materials, production costs, equipment, monitoring and administration.	
205-040A	Debbie Olsen & Phil Martinez	Storm Water Management Demonstration Home	\$2,596.00	Restoration	Same as 205-040. Change in fund source.	
99-044	J Reed Glasmann	Mary's River Watershed Turbidity/Suspended Sediment Assess	\$8,000.00	Monitoring	This project will monitor the mineralogical character and concentration of suspended sediment in major sub-watersheds of the Mary's river through several winter storm cycles. The purpose of this study is to characterize the sensitivity of various sub-watersheds to erosion and identify erosion-prone watershed elements. This documentation will help focus watershed management efforts to erosion sensitive areas. The mineralogical character of stream suspended sediment obtained during peak discharge events will be determined by X-ray diffraction analysis. These analyses will be merged with soil mineralogical and stream turbidity data to determine which areas of the watershed are most prone to sediment production leading to degradation of water quality.	
99-045	Marys River WSC	Marys River Watershed Council Support	\$101,291.00	Council Support	This grant is to fund watershed council coordinator, projects coordination related to watershed action plan, general operating expenses for council office, meeting announcements, member newsletter, and outreach and education to landowners about ways to improve and protect watershed health on private lands. This project will advance the Mary's River Watershed Council work plan, including 1) implementation of the watershed analysis (expected completion date March 31, 1999), 2) development and begin implementation of the Watershed Action Plan (following the assessment) 3) continue basin-wide water-quality monitoring projects which are establishing base-line data on water quality and habitat quality for the Mary's River watershed 4) continue funding for the full-time watershed council coordinator, and 5)continue efforts to expand and diversify landowner participation in watershed council activities.	
99-100	South Santiam WSC	S Santiam WS Council Coordinator	\$71,820.84	Council Support	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
99-100FF	South Santiam WSC	S Santiam WSC Coordinator(Bal of 99-100)	\$12,314.61	Council Support	Summary in 99-100. Different funding source.	
99-101	McKenzie WSC	Aquatic & Habitat Evaluation-McKenzie/Willamette Rvr Conflue	\$86,014.00	Monitoring	A quantitative aquatic assessment and habitat evaluation study is proposed for the confluence area, where the McKenzie and Willamette Rivers meet. This project will complement a geomorphic, hydrologic and hydraulic study that is being privately financed by four area sand and gravel operators. This proposal will augment the geomorphic study with an aquatic assessment and habitat evaluation. The data gathered by this project used in concert with the study undertaken by the confluence area mine operators will provide the needed data to integrate mined land reclamation with overall watershed restoration efforts in this area. The project is critically important for the Willamette Basin. This area was once a meandering channel with excellent juvenile Chinook rearing habitat. This project is a unique opportunity to gather the scientific information needed to attempt to restore the critical juvenile Chinook habitat.	
99-161	School District 97-J	Siuslaw Middle School Stream Team "B"	\$7,220.00	Education	A seventh-grade class of approximately 110 students will have the opportunity to increase its knowledge of watershed science and ecology, issues related to the Oregon Plan, and develop a long-term sense of stewardship for the Siuslaw watershed. In addition to classroom learning, the students will participate in hands-on, in the field research and restoration activities working with USFS, ODFW/Florence STEP, Siuslaw Watershed Council and SWCD. This project is being used as a model for programs being developed by other schools in the basin. A GWEB grant will aid in funding the Stream Team's fourth and fifth years: 1999 - 2000, 2000 - 2001	
99-162	Siuslaw WSC	Siuslaw WS Council Support	\$75,175.00	Council Support	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 an additional year, July 1999 - June 2000.	
99-162FF	Siuslaw WSC	Balance from 99-162 to FF-NOAA	\$26,812.48	Council Support	Summary in 99-162. Different funding source.	
99-178	Long Tom WSC	Long Tom Basin Water Quality Monitoring Program	\$71,280.85	Monitoring	The Council proposes to initiate a three-part program whereby a baseline of water quality information is established for the Long Tom River basin to fill in existing data gaps and integrate the current collection efforts; a pilot study is conducted to assess surface runoff on select private agricultural lands and demonstrate redemption techniques; the Council acts as a resource and coordinator for landowners and residents who wish to conduct monitoring, outside of the baseline or pilot studies. The resulting data will help us prioritize our sub-basins for restoration and further diagnostic studies. Demonstrate and promote best management practices within the watershed. The program also has a strong education and outreach component.	
99-198	Long Tom WSC	Long Tom WS Council Support 1999-2001	\$37,594.25	Council Support	This project will assist the Long Tom Watershed Council in attaining its goals of: Maintaining consistent activity and leveraging volunteer hours in the seven working committees (Steering, Council Development, Technical, Budget/Finance/Fundraising, Projects/Workshops, Education/Outreach, Action Plan, and other Ad-hoc). Keeping people with diverse perspectives communicating and working together toward watershed health at regular meetings, workshops, and forums. Overseeing and integrating the multiple phases of the Watershed Action Plan, Water Quality Monitoring Program, Restoration Project Prioritization project, and others. Identifying and filling in the work needed to carry the restoration projects forward, especially on private lands. Leveraging funds and in-kind service from private sectors of the watershed community as well as the public sector. Keeping the public-at-large informed and aware through the newsletter, speaking engagements, the list-serve and web page.	
99-198FF	Long Tom WSC	Balance from 99-198 to FF-NOAA	\$30,214.75	Council Support	Summary in 99-198. Different funding source.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
99-220	Lost Creek Watershed Group	Lost Creek Monitoring	\$18,451.33	Monitoring	Coordinate volunteers and provide essential supplies for volunteer water quality monitoring and stream surveys of Lost Creek and tributaries in the Lost Creek Watershed. Through support of the volunteer efforts, also assist they Lost Creek Watershed Group and its efforts to teach about our resources and participate in solutions to local and regional issues	
99-221	Coast Fork Willamette WSC	Publication of Coast Fork Willamette Subbasin Ed Materials	\$1,657.62	Education	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.	
99-225	Siuslaw WSC	Riparian Planting Maintenance	\$5,944.25	Restoration	Prison laborers trained in forestry will clear growth-inhibiting vegetation around conifers planted by watershed council members to enhance riparian areas.	
99-227	Siuslaw WSC	Pheasant Cr. Salmon Habitat Restoration	\$1,874.04	Restoration	Six large woody debris structures would be placed in lower Pheasant Cr. to add structure and complexity to the stream channel. Woody debris would be configured to simulate natural debris jams. Multiple log debris jams are designed to slow water velocities, capture sediments and additional debris, improve stream/floodplain interaction and create over-winter habitat beneficial to native salmonids. Cooperators in this project include the Siuslaw Watershed Council, SWCE, Roseburg Forest Products and the Oregon Department of Fish and Wildlife.	
99-228	Siuslaw WSC	Camp Cr. Salmon Habitat Restoration	\$2,805.71	Restoration	Seven large woody debris structures would be placed in lower Camp Cr. to add structure and complexity to the stream channel. Woody debris would be configured to simulate natural debris, improve stream/floodplain interaction and create overwinter habitat beneficial to native salmonids. A fish passage-blocking culvert would be replaced on a tributary to Camp Creek. Approximately 1.25 miles of stream-adjacent road would be decommissioned for sediment reduction purposes. Cooperators in this project include the Siuslaw Watershed Council, SWCD, Roseburg forest Products and the Oregon Department of Fish and Wildlife.	
99-256	Siuslaw SWCD	Siuslaw Evaluation and Restoration	\$81,263.36	Assessment	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.	
99-266	Middle Fork Willamette WSC	Coordinator Funding Request	\$54,354.21	Council Support	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.	
99-266FF	Middle Fork Willamette WSC	Coordinator Funding Request	\$25,179.02	Council Support	Summary in 99-266. Different funding source.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
99-268	The Siuslaw Institute, Inc.	Deadwood Cr CRMP Enhancement	\$33,600.00	Restoration	This project proposes a management plan of the Deadwood Creek Enhancement Project. It includes implementation of the Coordinated Resource Management Plan (in effect since 1990), particularly as it relates to anadromous fish habitat restoration, riparian improvements, water quality and quantity, and local employment. This request is for continued funding of the design, supervision and coordination of the Project which is already 78% funded by USF & WS (HUTW). This project includes 15 -17 private landowners and is a collaboration between 7 agencies and the Siuslaw Institute.	
99-342	McKenzie WSC	Watershed Wide Macroinvert Monitoring	\$1,903.00	Monitoring	The McKenzie Watershed Council, along with one of its Federal partners, will train and assist local volunteers to monitor macroinvertebrates at eighteen sites throughout the watershed. This baseline monitoring program, which assesses the current status of macroinvertebrate populations, provides information necessary to detect future trends in the status of these populations and the overall effectiveness of habitat protection, restoration, and enhancement projects. Experiential learning by volunteers increases public awareness of watershed issues and promotes stewardship. The macroinvertebrate monitoring program complements the Council's other monitoring programs by gathering data about the biological water quality in the basin's rivers and streams. We request \$1,643 from OWEB for monitoring supplies and laboratory analysis.	
99-416	Siuslaw WSC	Siuslaw Volunteer Est. Monitoring Initiation	\$10,672.00	Monitoring	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.	
99-422	Siuslaw WSC	Siuslaw Watershed Assessment	\$106,525.00	Assessment	Fund an assessment of the Siuslaw River Watershed.	
99-423	Siuslaw WSC	Riparian Landowner Restoration Project	\$19,506.00	Restoration	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.	
99-424	Lane County Public Works	North Fork Siuslaw Road Relocation	\$68,912.00	Restoration	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.	
99-425	Siuslaw WSC	Siuslaw Fish Passage Imprvmnt Proj - Phase II	\$103,546.03	Restoration	Open 19.7 miles of habitat to salmonids by replacing or improving 11 culverts which are impediments to fish passage.	
99-429	Oregon Wildlife Heritage Foundation	Congdon Creek Riparian Restoration	\$11,000.00	Restoration	Fence riparian area on one mile of Congden Creek to exclude livestock. Plant protected riparian area with willow, maple, and mixed conifers.	
99-518	East Lane SWCD	Jampolski Restoration Project	\$87,510.00	Restoration	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.	
99-539	CFWWC Planning Group	Coast Fork Willamette Watershed Council Coordination	\$47,447.40	Council Support	Fund the Coast Fork Willamette Watershed Council.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lane County
99-540	City of Eugene MECT	Integratd Assessmnt of Watershd Conditions in Eug- Spfd area	\$64,075.00	Assessment	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.	
<b>Lane County Total</b>			<b>7,873,086.37</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
200-003	MidCoast WSC	Mid Coast WS Council Education Program	\$25,540.00	Education	This project supports a two-thirds time position to continue coordination and implementation of a comprehensive watershed awareness/education program.
200-005	Lincoln County School District	Schooner Creek WS Education	\$33,689.00	Education	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.
200-014	MidCoast WSC	Wolf Creek Stream Habitat Improvement Project	\$9,218.00	Restoration	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.
200-015	MidCoast WSC	Nye/Fall Creek Habitat Restoration Project	\$14,027.46	Restoration	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 .
200-018	Lincoln SWCD	Mid-Coast Eval and Rest (MCWERP)	\$92,211.00	Monitoring	This grant would continue funding two experienced data collectors to continue Aquatic Habitat Inventory and Spawning Surveys during critical periods of the year.
200-026	MidCoast WSC	Juvenile Salmoid Winter Dist	\$52,541.00	Monitoring	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.
200-247	Lincoln SWCD	School Fork Road Crossing Restoration	\$115,170.00	Restoration	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.
201-010	MidCoast WSC	MidCoast Watersheds Council support	\$171,551.83	Council Support	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.
201-068	MidCoast WSC	Mid-Coast Reference Reach Establishment & Survey	\$1,136.00	Monitoring	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.
201-069	OSU	Yachats Watershed Monitoring Group Water Quality Monitoring	\$3,092.00	Monitoring	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
201-073	MidCoast WSC	Mid-Coast Ocean Tributaries Assessment	\$61,346.00	Monitoring	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.
201-079	MidCoast WSC	Hodges Riparian Restoration Project/ Big Elk	\$14,840.00	Restoration	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.)
201-083	MidCoast WSC	Wildcat Cooperative Restoration/Big Elk	\$9,956.42	Restoration	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.
201-083A	MidCoast WSC	Wildcat Cooperative Restoration/Big Elk	\$6,000.00	Restoration	Same as 201-083. Change in fund source.
201-084	MidCoast WSC	Deer Cr. Restoration Project/Little Elk/Yaquina	\$32,596.64	Restoration	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).
201-086	MidCoast WSC	Lower Wolf Crk Riparian Restoration	\$10,382.00	Restoration	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.
201-088	MidCoast WSC	Wright Creek Culvert Replacement Project: Phase Two	\$33,616.19	Restoration	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.
201-089	MidCoast WSC	Feagles Creek	\$37,552.00	Restoration	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.
201-089A	MidCoast WSC	Feagles Creek	\$12,600.00	Restoration	Same as 201-089. Change in fund source.
201-102	MidCoast WSC	Feagles Cr. Riparian Restoration	\$39,143.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
201-103	MidCoast WSC	Big Elk Riparian Fencing	\$2,578.00	Restoration	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.
201-103A	MidCoast WSC	Big Elk Riparian Fencing	\$2,000.00	Restoration	Same as 201-103. Change in fund source.
201-271	Lincoln SWCD	Stream Demonstration Model	\$5,538.84	Education	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.
201-281	MidCoast WSC	Hockema Stream Restoration Beaver Creek	\$17,684.30	Restoration	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.
201-282	MidCoast WSC	Humphrey Crk Instream Restoration Project	\$5,995.00	Restoration	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.
201-283	Alsea WSC	5 Stream Restoration Designs for the Alsea Basin	\$6,800.00	Assessment	This project will employ a professional fish biologist to develop five restoration projects in high priority areas of the watershed.
201-284	Lincoln County Extension	Yaquina Riparian Restoration	\$14,536.20	Restoration	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.
201-285	Lincoln County Extension	Riparian Seedling Release	\$19,545.00	Restoration	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.
201-410	Salmon/Drift Crk WS Group	Salmon-Drift Creek Watersheds Water Quality Monitoring	\$8,620.00	Monitoring	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.
201-416	Lincoln SWCD	MidCoast Evaluation & Restoration Project	\$90,020.00	Monitoring	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.
201-418	MidCoast WSC	MidCoast Rapid BioAssessment Project	\$80,850.00	Monitoring	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
201-430	MidCoast WSC	R Johnson Habitat Restoration Project	\$2,476.25	Restoration	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.
201-431	MidCoast WSC	Beaver Creek Farm Corporation Marsh Restoration	\$1,859.96	Restoration	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.
201-563	MidCoast WSC	MidCoast WS Council Education Program	\$24,900.00	Education	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.
201-567	Yachats WQ Monitoring Group	Yachats Water Quality Monitoring	\$6,113.16	Monitoring	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.
201-578	MidCoast WSC	Alsea Culvert Replacement Project	\$52,742.00	Restoration	This project would fund the replacement of three culverts in the Alsea 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.
203-112	The Wetlands Conservancy	Yaquina River Estuarine Wetlands part of 204-317	\$45,000.00	Acquisition	The Wetlands Conservancy proposes to acquire and protect in perpetuity approximately 624 acres of high priority estuarine marsh habitat in Yaquina Bay on Oregon's central coast. The USFWS and EPA have both identified Yaquina Bay as a priority wetland acquisition area. The sites to be acquired are the highest priority sites that were identified through a cooperative assessment project which involved a 40 member committee. The funds requested from OWEB will match a US Fish and Wildlife Service grant which will cover the cost of securing options, doing appraisals, securing title reports, and completing the acquisition of the proposed properties.
203-112A	The Wetlands Conservancy	Yaquina River Estuarine Wetlands part of 204-317	\$907,214.00	Acquisition	The Wetlands Conservancy proposes to acquire and protect in perpetuity approximately 624 acres of high priority estuarine marsh habitat in Yaquina Bay on Oregon's central coast. The USFWS and EPA have both identified Yaquina Bay as a priority wetland acquisition area. The sites to be acquired are the highest priority sites that were identified through a cooperative assessment project which involved a 40 member committee. The funds requested from OWEB will match a US Fish and Wildlife Service grant which will cover the cost of securing options, doing appraisals, securing title reports, and completing the acquisition of the proposed properties.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
203-116	MidCoast WSC	MidCoast Rapid BioAssessment Project	\$29,480.00	Assessment	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.
203-117	Lincoln SWCD	MidCoast WS Evaluation & Restoration Project	\$92,423.00	Assessment	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.
203-121	MidCoast WSC	Riparian Restoration Project-Yachats & Beaver Cr	\$15,573.22	Restoration	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.
204-003	MidCoast WSC	MidCoast WSC Support	\$32,926.83	Council Support	2003-05 Council Support for Mid Coast, Alsea, Salmon-Drift Cr WSCs
204-003A	MidCoast WSC	MidCoast WSC Support	\$102,073.17	Council Support	2003-05 Council Support for Mid Coast, Alsea, Salmon-Drift Cr WSCs
204-003B	MidCoast WSC	MidCoast WSC Support (2001-03 C/O)	\$7,073.17	Council Support	2003-05 Council Support for Mid Coast, Alsea, Salmon-Drift Cr WSCs
204-062	Salmon/Drift Crk WS Group	Salmon-Drift Cr WS Water Quality Monitoring	\$7,550.00	Monitoring	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.
204-063	Yachats WQ Monitoring Group	Yachats Water Quality Monitoring	\$2,360.00	Monitoring	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.
204-065	Alsea Community Effort	Crab/Green Long Term Monitoring	\$23,100.00	Monitoring	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.
204-070	MidCoast WSC	Feagles Cr Bridge Repair	\$27,500.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
204-072	MidCoast WSC	Salvage Log Fund	\$7,500.00	Restoration	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.
204-072A	MidCoast WSC	Salvage Log Fund	\$23,492.00	Restoration	Same as 204-072. Change in fund source.
204-178	MidCoast WSC	MidCoast WSC Education	\$17,656.00	Education	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.
204-274	Salmon/Drift Crk WS Group	Salmon-Drift Cr WS Water Quality Monitoring	\$15,350.00	Monitoring	This proposal funds baseline water quality monitoring on the Salmon River, Drift Creek and Devils Lake and its tributaries. Monitoring includes water chemistry, stream discharge, continuous temperature and bacteriological testing. The proposed project builds on previous monitoring to refine local understanding of the system, identify priority restoration areas, and collect baseline information. Requested OWEB funds would be used for technical consultants (40%) and field sampling and analysis equipment (60 %).
204-275	Lincoln SWCD	MidCoast WS Evaluation & Restoration	\$87,274.00	Monitoring	This proposal funds two surveyors to continue Aquatic Habitat Inventories, spawning surveys, and restoration project monitoring. The information collected will complement past assessments in Mid Coast basins, identifies factors limiting fish production and focuses restoration opportunities.
204-276	Yachats WQ Monitoring Group	Yachats Water Quality Monitoring	\$4,610.00	Monitoring	This proposal funds water quality monitoring projects in the Yachats basin. Both new and continuing projects are included. New monitoring addresses stream restoration effectiveness monitoring and stream monitoring related to timber harvests. Continued monitoring deals with investigating Dissolved Oxygen, pH and water color in the lower Yachats River as well as baseline water quality monitoring at several Yachats River sites.
204-317	The Wetlands Conservancy	Yaquina River Estuarine Wetlands	\$317,404.00	Acquisition	Approximately 600 acres of high priority estuarine marsh habitat in Yaquina Bay on Oregon's central coast would be acquired and protected if this project were funded. The sites to be acquired are the highest priority sites identified in a cooperative assessment project involving a 40-member committee. OWEB funds would be used for purchase of land or easements.
204-317A	Various	Yaquina River Estuarine Wetlands-Direct Costs	\$5,600.00	Appraisal	Direct costs associated with grant, ie, review appraisal, AG costs, hazardous review costs.
204-322	MidCoast WSC	North Fork Yachats Basin Restoration	\$152,650.00	Restoration	This is a comprehensive stream restoration project for the North Fork Yachats River basin on the central Oregon coast. Activities include helicopter and excavator placement of large wood in six miles of stream, riparian plantings on seven different properties and construction of exclusion fencing to protect the plantings on some of the sites. OWEB funds would be used for helicopter and excavator move-in and time; sawyers, planting and fencing work and materials; project management; monitoring; and administration.

## Lincoln County

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
204-323	Lincoln SWCD	Tidal Siletz Fence & Plant	\$27,600.00	Restoration	A 5,000 foot section of New Zealand style high tensile fence will be installed, five off-stream watering stations will be built and plumbed, and 1,500 trees will be planted in the riparian zone along the lower Siletz River with funds from this project. OWEB funds will be used for the activities and materials necessary to accomplish those actions as well as for the release of the trees on four different occasions.
204-325	Lincoln SWCD	Bowman Riparian	\$16,625.00	Restoration	This project would install roughly 5000 feet of livestock exclusion fencing along Rock Creek, a significant tributary to the Siletz River. Three off-stream livestock watering devices would also be installed and approximately 7.5 acres of riparian area would be cleared of blackberries and planted with conifers and hardwoods. OWEB funds would be used for fencing materials and installation as well as off-stream watering stations, trees and planting labor.
204-334	MidCoast WSC	Sampson Cr Large Wood Placement Project	\$54,672.00	Restoration	This proposal would utilize a helicopter to create structures using full-length trees along Sampson Creek, a tributary of Drift Creek in the Siletz River basin. Twenty-five sites have been identified for these structures along 2.5 miles of the stream. OWEB funds would be used for helicopter move-in and flight time as well as sawyer wages.
204-337	MidCoast WSC	Sugarbowl Cr/Baker Cr Stream Enhancement Project	\$9,741.56	Restoration	This project would fund the replacement of three undersized and perched culverts on Baker Creek and construct six large wood structures over one-half mile of Sugarbowl Creek. Both creeks are tributaries of upper Big Elk, which in turn, is the major tributary of the Yaquina River. OWEB funds would be used for purchase and placement of the culverts and for construction of the instream log structures.
204-338	MidCoast WSC	Twentythree Cr Stream Enhancement Project	\$4,950.00	Restoration	Eight large wood structures would be placed along a three quarter mile section of Twentythree Creek, a tributary of Simpson Creek in the Yaquina River basin. A perched culvert currently preventing fish passage to a tributary of Twentythree Creek would be replaced as well. OWEB funds would be used for excavator time to place the large wood and to replace the culvert and for use of a self-loading log truck.
204-441	MidCoast WSC	MidCoast WSC Education Program	\$28,030.00	Education	This application proposes to continue a five-year watershed education program conducted by the MidCoast Watershed Council, primarily in the Lincoln County School District. A rich variety of watershed related topics and disciplines are presented to the students and their parents through both in-classroom and field activities. OWEB funds are requested for wages for a program coordinator, school bus field trip expenses, and assorted equipment and supplies.
205-007	MidCoast WSC	E Olalla Cr Passage & Riparian	\$26,090.00	Restoration	This application proposes to conduct a variety of restoration activities, including culvert to bridge replacements, fencing and riparian plantings, on the properties of 10 landowners along the East Fork of Olalla Creek, a tributary of the Yaquina River near the town of Toledo. A fairly extensive education component involving field labs and several local schools is included in the proposal. The majority of the requested OWEB funds (\$108,000) are budgeted for culvert removal and bridge installation. The education component is budgeted for \$16,000, while personnel and supplies costs total \$10,050.
205-007A	MidCoast WSC	E Olalla Cr Passage & Riparian	\$108,000.00	Restoration	Same as 205-007. Change in fund source.
205-007B	MidCoast WSC	E Olalla Cr Passage & Riparian	\$20,350.00	Restoration	Same as 205-007. Change in fund source.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
99-130	MidCoast WSC	MidCoast WS Council Coordinator & Support (bal to 99-130FF)	\$40,288.00	Council Support	This project seeks to continue MCWC coordinator funding and council support for two years, beginning June 30, 1999 and ending June 30, 2001. The coordinator serves four major salmon bearing basins (Salmon, Siletz, Yaquina, Alsea) and a number of smaller basins and ocean tributaries (e.g. Yachats River, Beaver Creek, Tenmile Creek to name a few). Funds will be used for coordinator salary and benefits at the maximum GWEB allowed level of \$37,500 per year. Additional funds are requested for coordinator travel, office operating costs and equipment. In-kind contributions from MCWC members and administrative committee provide matching funds for the project, as well as utilization of MCWC membership dues.
99-130FF	MidCoast WSC	Balance from 99-130 to FF-NOAA	\$102,961.68	Council Support	Summary in 99-130. Different funding source.
99-257	MidCoast WSC	Salvage Log Fund	\$22,973.60	Restoration	The Mid Coast Watershed Council seeks to establish a fund to transport trees donated for restoration projects. Donated storm-downed trees are frequently offered to ODFW by other government agencies. No funding mechanism exists to move these trees to restoration sites, or to storage sites, which are available at no cost.
99-258	MidCoast WSC	MidCoast Watershed Education Coordinator	\$27,500.00	Education	The project would fund a part-time position to continue with the coordination and implementation of a comprehensive watershed awareness program. This project will continue the recruitment and training of area teachers to utilize the watershed curriculums Stream Scene/Watershed Uplands Scene and learn recommended field assessment techniques. This project will also continue to educate middle and high school students, and other youth groups on land use issues and the complexities of their local watershed. Elementary teachers can adapt these curricula centered on field experiences. The schools will collect baseline assessment information that will continue to be incorporated into the Mid Coast Watershed Council's assessment and monitoring plans.
99-259	MidCoast WSC	Macro-Invertebrate Study B	\$22,910.19	Assessment	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.
99-260	MidCoast WSC	Lincoln Cooperative Fish Passage Restoration	\$52,591.36	Restoration	The applicant proposes to restore fish passage to three culverts in the Five Rivers Watershed and design fish passage to three more culverts, two in the Yaquina watershed and one in the Yachats watershed. All six culverts have been identified as priorities for restoration by the Oregon Department of Fish and Wildlife on Lincoln County Roads/Stream Crossing Restoration Guide, and monitoring will be documented for at least five years. This is a partnership project.
99-261	MidCoast WSC	Upper Alsea Basin Culvert Replacements	\$138,641.50	Restoration	The applicant proposes to replace four culverts that block or impede fish passage in the upper Alsea basin, in partnership with the Benton County Public Works Department. Replacing these culverts will restore or improve access to over 5 miles of high-quality habitat for anadromous fish. The culverts and other materials will be purchased by the MidCoast Watershed Council. Benton County Road Department will install three culverts, and will handle all permit applications. One culvert installation will be put out to bid. These culverts were identified with a culvert survey protocol developed by Scott Wright and were rated high-priority for replacement by ODFW.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
99-275	Lincoln SWCD	Siletz, Yaquina, Yachats Watershed Evaluation and Restoration	\$85,528.00	Assessment	The intent of this grant is to fund continued evaluation and restoration work initiated with the Hire the Fisher program and the Siletz, Yaquina, Alsea, Yachats Watershed Evaluation and Restoration Project. This grant would fund two former Fishers to continue Aquatic Habitat Inventory and spawning surveys during critical periods of the year. They would also monitor riparian sites where tree planting, fencing and stock watering projects have been completed and require evaluation. Data would be entered into the database using ODFW protocol for use by MCWC, ODFW and other restoration agencies. This year's effort will have Fishers doing in-stream and riparian restoration work for 20% of their time.
99-286	MidCoast WSC	Wright Cr. Culvert Replacement	\$5,120.36	Restoration	This project replaces two existing culverts that are under-sized and/or have significant drops that create migration barriers for both juvenile and adult salmonids. It also removes four others completely. All of these culverts are located on the lands of a single, private landowner. The undersized and antiquated culverts will be replaced with appropriate types, sizes and installation techniques to improve access for Cho, Chinook, Chum, steelhead and Cutthroat to more than one mile of high quality fish habitat.
99-427	MidCoast WSC	Crab-Green Restoration Project	\$208,000.00	Restoration	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.
99-431	Lincoln SWCD	School Fork Habitat Restoration Project	\$7,807.67	Restoration	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.
99-432	MidCoast WSC	McGlynn and Crooked Creek Habitat Rest Proj	\$1,815.80	Restoration	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.
99-433	MidCoast WSC	MidCoast Rapid Bioassessment Project	\$134,251.00	Assessment	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 also be acquired.
99-435	MidCoast WSC	Cantrell Stream Enhnc Proj/Salmonberry-Alsea	\$9,307.00	Restoration	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.
99-436	MidCoast WSC	Giggy Stream Enhncmnt / Bummer Cr. Alsea	\$3,642.50	Restoration	Create full-spanning and deflector oriented LWD structures in Bummer Creek to provide diverse habitats for macroinvertebrates, juvenile salmonids, and Brook and Pacific Lamprey.
99-437	MidCoast WSC	Podmore / Leavitt Stream Enhncmnt SF Alsea	\$3,116.50	Restoration	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.
99-437A	MidCoast WSC	Podmore / Leavitt Stream Enhncmnt SF Alsea	\$7,679.00	Restoration	Summary in 99-437. Different funding source.
99-438	Lincoln SWCD	Buck Cr. Cooperative Rest Proj / Five Rivers	\$34,407.45	Restoration	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.
99-440	MidCoast WSC	Hagen Stream Enhncmnt / Crooked Cr - Alsea	\$9,730.53	Restoration	Instream and riparian enhancement and restoration of historical channel configuration on Crooked Creek and Ernest Creek.
99-443	Benton SWCD	Spears Riparian and Aquatic Rest. - SF Alsea	\$8,892.00	Restoration	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.

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Lincoln County
99-443A	Benton SWCD	Spears Riparian and Aquatic Rest. - SF Alsea	\$12,845.00	Restoration	Summary in 99-443. Different funding source.	
99-445	Lincoln SWCD	Stream Demonstration Model Project	\$7,290.00	Education	Construct two new Stream Demonstration Models for educational demonstrations of stream hydraulics. Fund maintenance of the one existing Stream Demonstration Model.	
99-448	MidCoast WSC	Grateful Creek Habitat Restoration Project	\$2,193.44	Restoration	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.	
99-450	MidCoast WSC	MidCoast Watersheds News	\$9,704.00	Education	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.	
99-451	MidCoast WSC	Leisure Lane Culvert Replcemnts for Fish Passage	\$54,685.55	Restoration	Replace five failing culverts to make accessible 1.7 miles of fish habitat and prevent sedimentation and road failure on Baker Creek.	
99-452	MidCoast WSC	Yaquina Estuarine Wetland Rest.: Sites Y3, Y4, Y27	\$70,156.00	Restoration	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.	
99-452A	MidCoast WSC	Yaquina Estuarine Wetland Rest.: Sites Y3, Y4, Y27	\$75,000.00	Restoration	Summary in 99-452. Different funding source.	
99-453A	Lincoln SWCD	Riparian & In-Stream Rest Proj - Glascock	\$45,938.81	Restoration	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.	
99-453B	Lincoln SWCD	Riparian & In-Stream Rest Proj -Hensler	\$15,707.13	Restoration	Summary in 99-453A, Different Landowner.	
99-454	Lincoln SWCD	Steere Creek Riparian Restoration Demo Proj	\$11,710.14	Restoration	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.	
99-454A	Lincoln SWCD	Steere Creek Extension	\$2,036.91	Restoration	Summary in 99-454. Different funding source.	
<b>Lincoln County Total</b>			<b>4,572,766.32</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Linn County</b>					
200-083	City of Albany	Albany Fish Survey	\$14,370.40	Monitoring	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.
200-089	South Santiam WSC	Thomas Creek Mainstream Assessment	\$43,277.02	Assessment	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.
200-111	North Santiam WSC	Mad Creek Stream Crossing Improvement (Sept 2000)	\$95,601.43	Restoration	This is a fish passage project which will provide winter steelhead access to 1 mile of rearing habitat, and protect-3 miles of downstream habitat and water quality. A bridge will replace two undersized, at high risk for failure, side-by-side culverts on a public access road, which prevent juvenile passage and restrict adult access to a stream reach offering high quality spawning and rearing habitat. It will also prevent a catastrophic sediment event, which could destroy downstream habitats and affect water quality.
200-111A	North Santiam WSC	Balance of 200-111 from Salem Electric Salmon Funds	\$1,507.07	Restoration	Same as 200-111. Salmon Friendly Funding
200-206	City of Albany	Periwinkle Creek Fish Passage Improvement and Culvert Remova	\$60,000.00	Restoration	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.
200-223	Linn SWCD	Technical design for watershed restoration projects.	\$13,259.33	Technical Assistance	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.
201-025	North Santiam WSC	North Santiam Watershed Council Support & Coordination Grant	\$35,800.00	Council Support	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.
201-025A	North Santiam WSC	North Santiam Watershed Council Support & Coordination Grant	\$6,000.00	Council Support	Same as 201-025. Change in funding source.
201-025B	North Santiam WSC	North Santiam Watershed Council Support & Coordination Grant	\$31,937.90	Council Support	Same as 201-025. Change in funding source.
201-028	Calapooia WSC	Calapooia Watershed Council Coordinator	\$33,480.00	Council Support	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Linn County
201-028A	Calapooia WSC	Calapooia Watershed Council Coordinator	\$41,131.30	Council Support	Same as 201-028. Change in funding source.	
201-037	South Santiam WSC	South Santiam Watershed Council (SSWC) Support	\$26,282.79	Council Support	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.	
201-037A	South Santiam WSC	South Santiam Watershed Council (SSWC) Support	\$6,000.00	Council Support	Same as 201-037. Change in funding source.	
201-037B	South Santiam WSC	South Santiam Watershed Council (SSWC) Support	\$48,717.21	Council Support	Same as 201-037. Change in funding source.	
201-151	North Santiam WSC	"Shed-Ed" Collaborative Watershed Education Project	\$70,000.00	Education	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.	
201-490	North Santiam WSC	Mad Cr Stream Crossing Improvement (October 2001)	\$56,700.00	Restoration	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.	
201-623	North Santiam WSC	"Shed-Ed" Collaborative WS Education Project	\$90,103.82	Education	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.	
201-625A	Calapooia WSC	Thompson's Mill Flow & Habitat Assessment	\$9,540.00	Monitoring	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.	
201-625B	Calapooia WSC	Thompson's Mill Flow & Habitat Assessment	\$26,252.65	Monitoring	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.	
203-038	Calapooia WSC	Calapooia River WS Assessment	\$77,000.00	Assessment	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.	
203-161	City of Albany	Second Avenue Culvert Removal Periwinkle Cr Restoration	\$39,000.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
203-161A	City of Albany	Second Avenue Culvert Removal Periwinkle Cr Restoration	\$13,000.00	Restoration	Same as 203-156. Change in funding source.
204-022	Calapooia WSC	Calapooia WSC Support	\$18,292.68	Council Support	2003-05 Council Support for Calapooia WSC
204-022A	Calapooia WSC	Calapooia WSC Support	\$56,707.32	Council Support	2003-05 Council Support for Calapooia WSC
204-022B	Calapooia WSC	Calapooia WSC Support (2001-03 C/O)	\$6,388.70	Council Support	2003-05 Council Support for Calapooia WSC
204-036	South Santiam WSC	South Santiam WSC Support	\$19,684.15	Council Support	2003-05 Council Support for South Santiam WSC
204-036A	South Santiam WSC	South Santiam WSC Support	\$61,020.85	Council Support	2003-05 Council Support for South Santiam WSC
204-125	South Santiam WSC	Ames Cr Restoration Project Phase III	\$105,903.19	Restoration	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.
204-506	Calapooia WSC	Brownsville Dam Fish Passage Alternatives	\$42,420.00	Technical Assistance	Technical assistance is needed for identifying alternatives for providing fish passage at Brownsville Dam on the Calapooia River, a high priority for the watershed council. Providing for fish passage will open approximately 37 miles of upstream habitat for both winter steelhead and spring Chinook, listed as Threatened under the Endangered Species Act. OWEB funds will be used for project management, contracted services and supplies and materials.
204-507	South Santiam WSC	Ames Cr Restoration: Phase 4 Design	\$16,800.00	Technical Assistance	Technical assistance is needed to develop designs for three culverts and a natural barrier on Ames Creek in the South Santiam Watershed that are currently impeding fish passage for juvenile winter steelhead, spring Chinook, and cutthroat trout. OWEB funds will be used for contracted services to provide engineering design at all locations.
205-031	McKenzie WSC	U McKenzie River Aquatic Restoration	\$68,860.00	Restoration	The purpose of this project is to restore bull trout and spring Chinook salmon spawning and rearing habitat in the main stem McKenzie River upstream of the Trail Bridge Reservoir. The project will restore large woody material to the one mile long restoration stream reach between the confluence of Kink Creek and Trail Bridge Reservoir. Fifty whole trees will be placed in the identified stream reach to restore flow deflection elements to the channel and allow for the deposition of spawning size substrates. OWEB funds would be used for contracted services (helicopter), administration and monitoring.
205-278	Calapooia WSC	Thompson's Mill Phase II Project	\$9,900.00	Technical Assistance	Thompson's Mills phase II project
99-537	North Santiam WSC	North Santiam Watershed Education Project	\$3,800.00	Education	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.
99-541	North Santiam WSC	Middle and Lower Reach North Santiam Rvr Watershd Assessment	\$59,994.30	Assessment	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

<b>Project #</b>	<b>Grantee</b>	<b>Project Name</b>	<b>Amount</b>	<b>Project Type</b>	<b>Project Summary</b>	<b>Linn County</b>
99-543	South Santiam WSC	Thomas Creek Mainstem Assessment	\$33,340.00	Assessment	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.	
99-543A	South Santiam WSC	Thomas Creek Mainstem Assessment	\$1,961.00	Assessment	Summary in 99-543. Different funding source.	
<b>Linn County Total</b>			<b>1,344,033.11</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
200-161	Malheur SWCD	Bully Creek WS Range Coordinator/Tech	\$26,395.00	Monitoring	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.
200-161A	Malheur SWCD	Bully Creek WS Range Coordinator/Tech	\$8,885.00	Monitoring	Same as 200-161. Change in fund source.
200-174	Malheur SWCD	McElroy Pipeline Rehab Project	\$38,418.00	Restoration	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.
200-175	Malheur SWCD	Luther Constructed Wetland	\$87,293.00	Restoration	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.
200-186	Malheur SWCD	Marchek & Son Inc. Drainage System	\$35,001.00	Restoration	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.
200-187	OSU Malheur Experiment Station	Demonstration of SW Stewardship Using Drip irrigation	\$32,000.00	Restoration	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.
201-051	Malheur-Owyhee WSC	Malheur-Owhyhee WSC Coordinator & Technical Support	\$80,300.00	Council Support	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.
201-051A	Malheur-Owyhee WSC	Malheur-Owhyhee WSC Coordinator & Technical Support	\$2,781.00	Council Support	Same as 201-051. Change in funding source.
201-231	Malheur SWCD	Andre/State Lands Range Improvement project	\$169,468.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Malheur County
201-237	Malheur SWCD	Willow Creek Project	\$184,600.00	Restoration	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.	
201-257	Malheur SWCD	Malheur River Restoration Project	\$15,663.22	Restoration	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.	
201-367	Malheur WSC	Water Quality Monitoring for the Malheur-Owyhee WS	\$51,675.75	Monitoring	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.	
201-382	Owyhee WSC	Saddle Butte Enhancement Project	\$73,673.00	Restoration	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.	
201-384	Malheur SWCD	Riparian Rapid Recovery System	\$24,222.00	Restoration	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.	
201-508	Owyhee WSC	Owyhee WSC Education & Technical Support Project	\$66,011.00	Education	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.	
201-508A	Owyhee WSC	Owyhee WSC Education & Technical Support Project	\$2,759.63	Education	Same as 201-508. Change in funding source.	
201-521	Owyhee WSC	Three P's Water Quality & Wildlife Habitat Project	\$81,305.01	Restoration	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.	
201-521A	Owyhee WSC	Three P's Water Quality & Wildlife Habitat Project	\$268.99	Restoration	Same as 201-521. Change in fund source.	
201-523	OSU Malheur Experiment Station	Demonstration of Soil and Water Stewardship	\$37,326.00	Education	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
201-530	Owyhee WSC	Jack Creek Riparian Relief Project	\$3,235.00	Restoration	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.
201-537	Owyhee WSC	Sunset Valley Irrigation Enhancement Project	\$77,619.00	Restoration	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.
201-554	Owyhee WSC	White Eason Land LLC Restoration Project	\$91,000.00	Restoration	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.
201-675	Malheur SWCD	Willow Cr Demonstration & BMP Implementation Project	\$58,448.00	Education	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%).
201-693	Owyhee WSC	Jackie Butte Enhancement Project	\$293,828.00	Restoration	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%).
201-694	Malheur SWCD	Willow Creek E-coli Reduction Project	\$10,279.10	Restoration	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.
201-695	Malheur SWCD	Adendum to Luther Constructed Wetland Grant #200-175	\$21,000.00	Restoration	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%).

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
203-085	Malheur SWCD	Snake River/Hells Canyon TMDL Ag Drain Monitoring	\$42,234.00	Monitoring	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%).
203-088	Owyhee WSC	Crooked/Rattlesnake/Jordan/Middle Owyhee Assessment	\$72,486.00	Assessment	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%).
203-096	Owyhee WSC	Esplin Water Quality Protection	\$37,000.00	Restoration	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%).
203-097	Malheur SWCD	Fletcher Gulch Restoration Site	\$272,409.00	Restoration	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%).
203-097A	Malheur SWCD	Fletcher Gulch Restoration Site	\$266.00	Restoration	Same as 203-097. Change in fund source.
203-214	OSU Malheur Experiment Station	Demo of Soil & Water Stewardship Using Drip Irrigation	\$38,525.00	Education	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.
204-051	Malheur WSC	Malheur WSC Support	\$17,073.17	Council Support	2003-05 Council Support for Malheur WSC
204-051A	Malheur WSC	Malheur WSC Support	\$52,926.83	Council Support	2003-05 Council Support for Malheur WSC
204-051B	Malheur WSC	Malheur WSC Support C/O 01-03	\$8,000.00	Council Support	2003-05 Council Support for Malheur WSC
204-051C	Malheur WSC	Malheur WSC Support (Sept 03 Award)	\$1,500.00	Council Support	2003-05 Council Support for Malheur WSC
204-056	Owyhee WSC	Owyhee WSC Support	\$17,073.17	Council Support	2003-05 Council Support for Owyhee WSC
204-056A	Owyhee WSC	Owyhee WSC Support	\$41,297.99	Council Support	2003-05 Council Support for Owyhee WSC

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
204-056B	Owyhee WSC	Owyhee WSC Support	\$11,628.84	Council Support	2003-05 Council Support for Owyhee WSC
204-056C	Owyhee WSC	Owyhee WSC Support (2001-03 C/O)	\$1,500.00	Council Support	2003-05 Council Support for Owyhee WSC
204-152	Malheur WSC	Malheur Basin Water Quality Monitoring	\$12,900.00	Monitoring	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.
204-156	Owyhee WSC	Andre/State Lands Rangeland Improvement	\$146,156.00	Restoration	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.
204-156A	Owyhee WSC	Andre/State Lands Rangeland Improvement Phase III	\$46,000.00	Restoration	Same as 204-156. Change in fund source.
204-247	Malheur SWCD	Westfall Ranches Stream Restoration	\$73,806.00	Restoration	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.
204-250	Malheur SWCD	Rose Cr Juniper Control	\$71,987.00	Restoration	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.
204-251	Malheur SWCD	Willow Cr Water Quality Enhancement	\$59,731.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Malheur County</b>					
204-252	Malheur WSC / L Willow Cr WG	Irrigation Return Flow Reduction/Lower Willow Cr	\$548,234.00	Restoration	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.
204-254	Owyhee WSC	Succor Cr Riparian Protection	\$20,668.00	Restoration	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.
204-311	Malheur WSC	Lower Willow Cr E coli Monitoring	\$38,016.00	Monitoring	This proposal funds contractor's wages (87%) plus mileage required for E. coli sampling in Willow Creek. The monitoring program assesses the impact on Willow Creek's water quality from cattle grazing on irrigated pastures, and continues sampling at three trend sites on Willow Creek to track changes in E. coli numbers resulting from implemented BMP's at CAFO's and other sources.
204-423	Owyhee WSC	Jordan Cr Streambank Restoration	\$91,482.00	Restoration	This project would improve riparian conditions, reduce sedimentation, decrease bank erosion and improve proper functioning conditions along one mile of Jordan Creek by installing 28 barbs, seven rock weirs and 12 tree revetments. The project would improve water quality, streamside conditions and will follow the Owyhee AWQMP. OWEB funds are sought for engineering/project management (6%), rock/revetment materials (18%), rock weir excavation/bank sloping (34%), rock/revetments (32%), and administration (10%). Cost-share partners are Skinner Ranches, Owyhee Watershed Council, Malheur SWCD and NRCS.
204-440	Malheur SWCD	5th Ave Willow Cr Protection	\$38,742.00	Restoration	This project would exclude livestock from Willow Creek near Vale and improve water quality, reduce E. coli contamination and decrease water temperature. Project components include piping 4,280' of earthen ditch, installing a livestock watering system and 20 water tanks. OWEB funds are requested for technical assistance (5%), laser leveling (22%), well drilling (7%), pipes (31%), valves/concrete (29%), and equipment/signs (5%). Cost-share partners include NRCS, Malheur SWCD and the landowners.
205-070	Malheur SWCD	Hanna Stream Protection	\$25,783.00	Restoration	The project will install 1.8 miles of fencing, 2 water diversions with fish screens, develop alternative livestock water sources and plant riparian and upland vegetation on 22 acres on the North Fork of Indian Creek near Westfall. Watershed benefits include improved water quality, increased late-season flows, increased floodplain storage and improved upland conditions. OWEB funds are requested for project manager (11%), SWCD engineering (12%), materials (52%), seed (5%), cattleguard (5%), administration (9%) and monitoring (6%). Other cost-share partners include USFWS, ODFW, Malheur SWCD, NRCS and the landowner.
205-075	Malheur SWCD	K Dairy Revitalization	\$53,290.00	Restoration	The project will significantly improve water quality in the Willow Creek drainage west of Vale. Project components include designing a waste-contamination facility to reduce the 9.5 tons/acre/year of soil loss, 12,000' of cross-fencing, two animal waste ponds, wildlife pond and four troughs. OWEB funds are requested for engineering/tech assistance (4%), contracted labor for fencing, pipe and ponds (39%), materials (47%) and administration/monitoring (10%). Cost-share partners include EQIP, Malheur SWCD and the landowners.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Malheur County</b>					
205-076	Malheur SWCD	Addendum to Willow Cr #201-237	\$33,214.00	Restoration	This project will continue a water quality improvement project in Willow Creek by installing 8,050' of pipe, 8 ponds and 12 diversions. Project implementation continues previous work to implement SB 1010 and improve upland conditions. OWEB funds are sought for engineering/project management (25%), diversions (16%), pond/end walls (8%), equipment rental (38%), pipe (4%) and administration (9%). Cost-share partners are NRCS engineering and the Orchard Irrigation District/landowners.
99-011	Malheur SWCD	Montgomery Sediment Ponds-Engineering	\$5,000.00	Restoration	This project consists of construction of a series of ponds to trap and filter sediment and livestock nutrients coming off of crop and pasture land. The ponds will help to decompose residual chemical runoff of pesticides and herbicides, and reduce nitrogen/phosphorous effluent from fertilizers, and assist in trapping bacteria and other animal waste products. Ponds will be located in an area containing trees and shrubs, and will provide wildlife habitat for waterfowl and mammals. The pond area and drainage system would be fenced to maintain vegetation cover. An additional landowner requirement will consist of incorporating a tail ditch at the bottom of the main field leading to the proposed pond site, with pipes to deliver water effluent to the ponds.
99-047	Malheur SWCD	Pozzi Watershed Enhancement Project	\$8,500.00	Restoration	This project is a cooperative effort between the landowners, Gary and Kathy Pozzi, the Malheur County SWCD, and the NRCS to implement range improvements to enhance watershed health and function and improve range condition. Vegetation at the project site consists mostly of cheatgrass, medusahead, and other annual forb species. A range wildfire burned through this area in 1986 and some fire rehabilitation efforts were completed on surrounding BLM grazing allotments; however rehabilitation efforts did not extend to this private grazing pasture. The project is proposing to improve range condition and enhance watershed health and function through improved livestock management utilizing cross fences and seeding to more desirable vegetation (Hycerest crested wheatgrass at 6 lbs./acre). Approximately 3-1/4 miles of cross fencing, 1,200 seeded acres, and an additional water source will be completed. Following project completion, the current grazing system will be modified to meet resource, livestock, and landowner objectives.
99-057	Malheur-Owyhee WSC	Malheur-Owyhee WS Council Coord & Tech Support	\$79,275.00	Council Support	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.
99-057FF	Malheur-Owyhee WSC	Malheur-Owyhee WS Council Coord & Tech Support	\$9,460.41	Council Support	Summary in 99-057. Different funding source.
99-137	Malheur SWCD	Foss Rangeland Rehabilitation Project	\$36,370.00	Restoration	This is a project that will renovate rangeland that has been degraded from over use and harsh climatic events. This area suffered abusive grazing practices beginning in the late 1800's through the 1980's and several harsh winters and severe fires. Previous owners never attempted to manage the ranch to protect the landscape. When Art Foss purchased the ranch in 1996 he started applying management practices to return the rangeland to perennial grass-shrub land type. The management objectives include both livestock and wildlife as well as providing perennial groundcover for erosion control which also improves the hydrology. With this project Art will be able to provide water to each pasture through 23,000 feet of pipe and seed approximately 1,200 acres of the ranch.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Malheur County</b>					
99-229	Malheur SWCD	Bully Cr WS - McElroy Weed Project	\$8,442.00	Restoration	The project site borders Bureau of Reclamation land, which is infested with whitetop. Recreationists and their vehicles have the potential to spread whitetop and seeds are deposited when high reservoir water recedes. This project will complement previous conservation activities by the landowner and will augment additional efforts by the BOR, the Malheur County Weed Board, and the Oregon Department of Agriculture. In addition, this project augments the landowners continued efforts to improve range condition and livestock management. The project proposes to eradicate several small whitetop infestations within the project location. The landowner wishes to utilize herbicides to eradicate or control these populations followed by seeding the areas with crested wheatgrass. The landowner has had previous success utilizing this method of weed control. Herbicide application will occur in the spring the first two years followed by seeding in the fall during the second year. Follow-up herbicide applications will occur as necessary.
99-230	Malheur SWCD	Anthony Rangeland Rehab	\$35,954.87	Restoration	This is the first phase of a long-term project designed to rehabilitate rangeland that has experienced heavy grazing and harsh climatic events. Overuse by livestock and several harsh winter and fire events have created a vegetative community consisting of annual grasses, including cheatgrass and small areas of medusahead, mustards, and heavy strands of sagebrush. Thistles, bur buttercup, and other weedy species are also invading a majority of the project site. The first phase included approximately four and three quarter miles of cross fencing, seeding approximately 400 acres, and developing a permanent water source for livestock and wildlife in an effort to enhance range condition and improve livestock management. The project will assist in meeting landowner objectives, which include enhancing range condition and watershed function, reducing soil erosion, and controlling noxious weeds as well as improving forage quality and livestock management.
99-240	Malheur-Owyhee WSC	Two-Year Water Quality Monitoring	\$62,040.00	Monitoring	This project involves the field collection and computer analysis of water samples within the Malheur watershed. The three components of the monitoring are: "grab" samples taken once per month at 19 established sites. E-coli samples taken per month at 3 established sites on Willow Creek. Stream flow measurements taken once per month (taken at times of grab samples only on sites where flow information is needed). The primary goal of the watershed council is to improve 303 (d) listed waterbodies. This proposed assessment will document our success on non-point source pollution over time.
99-241	Malheur SWCD	Brooks Pole Creek Res Livestock Exclusion	\$5,684.27	Restoration	Pole Creek Reservoir is popular for recreation, fishing, and hunting. The reservoir has a good fishery that stocks it every year. There are a large number of waterfowl and upland birds that use the reservoir and the adjacent area. Livestock will be grazing the adjacent land in the fall, winter, and early spring. The project intends to exclude livestock from the reservoir and drawdown area, by building 2.5 miles of fence, drilling a livestock well, and installing 7,000 feet of pipeline and a trough system.
99-404	Malheur SWCD	Engineering Support Project	\$6,600.00	Restoration	This project consists of converting 868 acres of flood-irrigated land to sprinkler/drip by installing a mainline from an Owyhee main canal for two miles, and providing gravity-fed water to seven separate land units. This project will have a major impact on the transport of sediment into the Snake River system. Construction work on laying and burying the pipeline and laterals will be done by the South Board of Control, Owyhee Project. Individual landowners will supply labor and cash contributions toward this project, and on their separate farm units. Project implementation will improve water quality, reduce sub-surface transport of nitrates/sulfates, animal-waste inputs, and increase water quantity in the Snake River system

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Malheur County</b>					
99-408	Malheur SWCD	Skyline Farms/Farrell Larson & Family	\$142,000.00	Restoration	In the first year of implementation, this project will leave 1,100 acre feet of water in the Snake River, decrease potential nitrogen contamination of the underground aquifer by 70,000 pounds, and bring erosion on 550 acres of cropland to zero. If adopted on the farm's entire intensely irrigated land, these benefits will increase five fold on an annual basis. This project will be a showcase model for large scale implementation of sustainable agriculture practices in Eastern Oregon. The project helps the Malheur County SWCD's long term goal to improve the efficiency of flood irrigation systems by converting to sprinklers and drip irrigation. These systems have the potential to leave 1,000's of acre feet of water in the streams over flood irrigation.
99-580	OSU Malheur Experiment Station	Demonstration of Soil & Water Stewardship Using Drip Irrig.	\$36,054.00	Restoration	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.
99-583	Malheur SWCD	Alan White Bank Stabilization Project	\$16,082.00	Restoration	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.
99-584	Malheur SWCD	Montgomery Sediment Ponds-Implementation	\$10,430.00	Restoration	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.
99-588	Malheur SWCD	South Board of Control Pipeline Project 0523	\$179,707.00	Restoration	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.
99-589	Malheur SWCD	Maag/Vale OR Irrigation Dist Pipeline Proj & Coll Ponds	\$101,470.00	Restoration	Convert irrigation diversion ditches below livestock feedlot to buried pipelines, and construct two large collection ponds to protect water quality of Willow Creek.
99-598	Malheur SWCD	Owyhee Watershed Information & Education Project	\$22,620.00	Education	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.
99-598A	Malheur SWCD	Owyhee Watershed Information & Education Project	\$11,690.00	Education	Summary in 99-598. Different funding source.
99-616	City of Ontario	Ontario Water Quality Monitoring	\$24,191.26	Monitoring	Fund water quality monitoring by the City of Ontario as part of its stormwater management plan.
<b>Malheur County Total</b>			<b>4,248,954.51</b>		

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
200-231	Marion SWCD	Watershed Technical Specialist	\$18,000.00	Technical Assistance	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.
201-039	Salem Area WSC	Greater Salem Area WSC Support	\$75,000.00	Council Support	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.
201-039A	Salem Area WSC	Greater Salem Area WSC Support	\$6,000.00	Council Support	Same as 201-039. Change in funding source.
201-162	Friends of Mill Creek	Mill Creek Water Quality Monitoring Project	\$10,010.98	Monitoring	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.
201-172	Pudding River WSC	Pudding River WS Council Support	\$62,250.00	Council Support	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.
201-183	Ducks Unlimited Inc	Pearmine Restoration & Enhancement Project	\$76,300.00	Restoration	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.
201-560	Salem Area WSC	Greater Salem-Keizer Area WSC Action Plan	\$9,138.00	Assessment	The funding will be used to hire a temporary 1/2 time employee to assist the watershed coordinator in finalizing the assessment, pay for production costs, and hire consultants to fill in data gaps that have been identified by the assessment.
203-144	City of Stayton	Stayton Riverfront	\$250,000.00	Acquisition	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.
203-144A	Various	Stayton Riverfront-Direct Costs	\$2,398.98	Appraisal	Stayton Waterfront Acquisition Costs (AG costs, DEQ hazardous review, review appraisals)
204-030	North Santiam WSC	North Santiam WSC Support	\$11,107.32	Council Support	2003-05 Council Support for North Santiam WSC
204-030A	North Santiam WSC	North Santiam WSC Support	\$34,432.68	Council Support	2003-05 Council Support for North Santiam WSC
204-030B	North Santiam WSC	North Santiam WSC Support (2001-03 C/O)	\$19,262.10	Council Support	2003-05 Council Support for North Santiam WSC

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# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
204-031	Pudding River WSC	Pudding River WSC Support	\$10,396.34	Council Support	2003-05 Council Support for Pudding River WSC
204-031A	Pudding River WSC	Pudding River WSC Support	\$32,228.66	Council Support	2003-05 Council Support for Pudding River WSC
204-031B	Pudding River WSC	Pudding River WSC Support (2001-03 CO)	\$7,375.00	Council Support	2003-05 Council Support for Pudding River WSC
204-033	Salem Area WSC	Salem Keizer Area WSCs Support	\$14,634.15	Council Support	2003-05 Council Support for Pringle Cr, Claggett Cr, Glenn-Gibson Cr, Friends of Mill Cr (not a recognized WSC)
204-033A	Salem Area WSC	Salem Keizer Area WSCs Support	\$45,365.85	Council Support	2003-05 Council Support for Pringle Cr, Claggett Cr, Glenn-Gibson Cr, Friends of Mill Cr (not a recognized WSC)
204-033B	Salem Area WSC	Salem Keizer Area WSCs Support (09-03 Award)	\$7,000.00	Council Support	2003-05 Council Support for Pringle Cr, Claggett Cr, Glenn-Gibson Cr, Friends of Mill Cr (not a recognized WSC)
204-291	Pudding River WSC	Pudding River WS Assessment	\$71,093.00	Assessment	The Pudding River Watershed Council seeks funding to assess all the subbasins in the Pudding River watershed. The assessment will compile all known sources of information on watershed conditions. OWEB funds will be used primarily for contracted services. The application stresses the importance of GIS information and plans to use the coordinator as the primary contractor.
204-504	North Santiam WSC	Snake-Deford Stream Restoration	\$24,200.00	Technical Assistance	Technical assistance is needed for: 1) Detailed topographic survey and analysis of stream corridor, overflow channels, homes, and other development; and 2) An analysis of fish habitat conditions, road stream crossings, channel modifications and large woody debris placement. OWEB funds will be used for project management, supplies/materials and contracted services including hiring technical specialists.
205-027	Northwest Habitat Institute	McKinney Cr Stream Habitat Enhancement & Floodplain	\$28,916.00	Restoration	This project will restore and enhance wetlands and off-channel stream habitat on 20 acres of floodplain along McKinney Creek. Two off channel alcoves will be excavated to create refuge for steelhead and Coho salmon smolts during high flows. Floodplain terraces will be sculpted to allow for a positive flow back to the stream as high flows recede. Riparian Forest will be planted to create a 100 ft. wide streamside buffer. The remaining floodplain terrace will be planted to native wet prairie grasses and forbs. OWEB funds would be used for personnel, travel, contracted services, supplies/materials and administration.
205-036	Oregon Watersheds	Pringle Cr Restoration at Loose Ends	\$12,865.00	Restoration	This resubmitted project will reclaim some of the original floodplain along a 250 ft. reach by excavating along the east bank of Pringle Creek at 3 locations in order to create wide spots in the channel. These terraces will provide zones of slower water for fish during periods of high flow and allow for the establishment of riparian vegetation within areas that are frequently inundated. The widened areas near the stream and adjoining slopes will be planted with native riparian vegetation. OWEB funds would be used for contracted services, supplies/materials, production costs, administration and monitoring.
99-103	OSU	Strip-Tillage Systems Willamette Basin	\$10,838.28	Education	Develop an operators manual for strip-till row-crop production. Conduct two field days in the Willamette Valley with a cooperating growers to demonstrate the strip-till technology. Develop website on "Conservation Farming" enhance the availability of information to farmers and agricultural professionals.
99-103A	OSU	Strip-Tillage Systems Willamette Basin	\$9,179.44	Education	Summary in 99-103. Different funding source.

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Marion County</b>
99-118	OSU	Restor Aggregate Mining Areas Willamette Rvr Floodplain	\$58,750.00	Restoration	This project will initiate and monitor the restoration of off-channel habitats in aggregate-mined areas. Anticipated benefits include (1) the establishment of critical off-channel habitats for the recovery of native biota, particularly juvenile migratory salmonids, (2) the establishment of functioning segments of the original floodplain system, and (3) delivery of practical information to guide future restoration processes in Oregon floodplains.	
99-233	CITE, Creative Information	Make A Ripple, Make A Wave	\$10,500.00	Education	The project will provide urban watershed protection education and inspire positive action for over 25,000 K-5th grade students in 73 elementary schools in Portland, 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.	
99-255	Pringle Creek WSC	Salem/Keizer Urban Watershed Coordinator	\$46,896.31	Council Support	This project is to fund a coordinator to assist the four watershed organizations, which are involved with the watersheds within the cities of Salem and Keizer, in meeting their goals and objectives. A "Watershed Coordinator Steering Committee" made up of a member from each group will be the primary contact for the coordinator. Those organizations sharing the coordinator are as follows: Claggett Creek Watershed Council, Glenn-Gibson Watershed Council, Friends of Mill Creek, and Pringle Creek Watershed Council.	
99-255FF	Pringle Creek WSC	Request from 99-255 to FF-NOAA	\$25,323.61	Council Support	Summary in 99-255. Different funding source.	
99-530	Oregon Environmental Council	Reducng Urbn Pointlss Pollutn: 50 Wys to Love the Willamette	\$34,265.00	Education	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.	
99-628	Pudding River WSC	Pudding River Council Support	\$1,044.00	Council Support	Watershed council support for Pudding river.	
<b>Marion County Total</b>			<b>1,024,770.70</b>			

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Morrow County</b>
201-520	Morrow SWCD	Willow Creek WS Winter Feeding Area Improvement Project	\$33,805.00	Restoration	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.	
203-213	Morrow SWCD	Willow Cr Water Measuring Device Installations	\$10,499.86	Restoration	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.	
204-166	Morrow SWCD	Wilson Cr Stream Restoration & Enhancement	\$26,905.00	Restoration	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.	
204-419	North Fork John Day WSC	Morrow Co OHV Park WS Improvements	\$44,691.00	Restoration	The North Fork John Day Watershed Council proposes to assure that development of the Morrow County Off-Highway Vehicle Park, northeast of Spray, occurs in a fish-friendly manner. Project components include installing a bridge across Porter Creek to avoid direct impacts on ESA-listed steelhead, six water troughs, various fencing, educational campaign aimed at promoting fish-friendly behavior by OHV users visiting the park. OWEB funds are requested for project management (6%), contracted services (56%), materials (29%), and administration (9%). Cost-share partners include Morrow County and Umatilla National Forest.	
<b>Morrow County Total</b>			<b>115,900.86</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Multnomah County</b>					
200-123	OMSI	Riverwalk	\$8,346.00	Education	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.
201-032	Johnson Creek WSC	Johnson Creek Watershed Council Coordinator	\$46,750.00	Council Support	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.
201-032A	Johnson Creek WSC	Johnson Creek Watershed Council Coordinator	\$6,000.00	Council Support	Same as 201-032. Change in funding source.
201-032B	Johnson Creek WSC	Johnson Creek Watershed Council Coordinator	\$28,250.00	Council Support	Same as 201-032. Change in funding source.
201-035	Columbia Slough WSC	Columbia Slough WSC Support	\$75,000.00	Council Support	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.
201-035A	Columbia Slough WSC	Columbia Slough WSC Support	\$5,950.92	Council Support	Same as 201-035. Change in funding source.
201-165	Columbia Slough WSC	Columbia Slough Action Plan	\$54,428.00	Assessment	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.
201-180	Ducks Unlimited Inc	Smith and Bybee Lakes Restoration	\$180,000.00	Restoration	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.
201-181	City of Portland	Johnson Lake Revegetation Projects	\$60,927.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Multnomah County</b>					
201-462	SOLV	Team Up "Green Team"	\$32,951.00	Education	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.
201-468	Johnson Creek WSC	Johnson Creek Action Plan	\$46,513.00	Assessment	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.
201-475A	City of Portland	BES Johnson Cr Confluence Restoration	\$655,000.00	Restoration	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.
201-477	Reed Institute dba:Reed College	Crystal Springs Headwaters Fish Passage & Restoration Yr 2	\$37,400.00	Restoration	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.
201-558	Johnson Creek WSC	Assessment/Action Plan	\$19,993.07	Assessment	This project will help with additional costs to in finalizing the assessment.
201-620	Columbia Slough WSC	Slough School-Columbia Slough WS Education Program	\$93,346.00	Education	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 actives, 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.
203-041	East Multnomah SWCD	Conservation Planning & Implementation	\$92,725.00	Restoration	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.
203-051	Ducks Unlimited Inc	McCarthy Cr Wetland Restoration	\$193,171.00	Restoration	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.
204-025	Columbia Slough WSC	Columbia Slough WSC Support	\$19,954.39	Council Support	2003-05 Council Support for Columbia Slough WSC

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Multnomah County</b>					
204-025A	Columbia Slough WSC	Columbia Slough WSC Support	\$61,858.61	Council Support	2003-05 Council Support for Columbia Slough WSC
204-025B	Columbia Slough WSC	Columbia Slough WSC Support	\$49.08	Council Support	2003-05 Council Support for Columbia Slough WSC
204-026	Johnson Creek WSC	Johnson Cr WSC Support	\$20,090.98	Council Support	2003-05 Council Support for Johnson Cr WSC
204-026A	Johnson Creek WSC	Johnson Cr WSC Support	\$62,282.02	Council Support	2003-05 Council Support for Johnson Cr WSC
204-124	SOLV	Beaver Cr Riparian Restoration Project Phase III	\$36,990.00	Restoration	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.
204-126	Winkler Development Corporation	The Headwaters at Tryon Cr	\$116,000.00	Restoration	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.
204-454	Columbia Slough WSC	Slough School/Columbia Slough WS K-12 Ed Program	\$123,024.00	Education	This resubmitted application's goal is to engage K-12 students throughout the Columbia Slough Watershed in environmental education and service-learning projects in an effort to raise awareness of the watershed while empowering youth as active, engaged citizens. Slough School is listed as a high priority program in the Columbia Slough Watershed Action Plan. OWEB funds would be used for personnel (Education Director), insurance, travel, supplies/materials, production costs, and administration.
204-456	SOLV	Team Up "West Side Green Team"	\$23,802.00	Education	This resubmitted application proposes expansion of training to educate students, build a framework for volunteer involvement and increase community participation. Through the Green Team, students receive training, mentorship and leadership opportunities in exchange for working on restoration and enhancement sites. The program is aligned to state benchmarks and standards. OWEB funds would be used for personnel, contracted services, supplies/materials (instructional materials, site re-vegetation), production costs (outreach materials), equipment, and administration.
99-061	Johnson Creek WSC	Johnson Crk WS Council Coord Support	\$58,948.12	Council Support	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.
99-061FF	Johnson Creek WSC	Johnson Crk WS Council Coord Support	\$16,051.88	Council Support	Summary in 99-061. Different funding source.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Multnomah County</b>					
99-278	City of Gresham	Fairview Cr/Columbia Slough TMDL Monitoring and Educ	\$67,009.17	Monitoring	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.
99-293	East Multnomah SWCD	Naturescaping for Clean Rivers	\$31,804.69	Education	This proposal will build upon a successful program, Nature Scaping for Clean Rivers, jointly created and sponsored by the East Multnomah Soil & Water Conservation District and City of Portland Bureau of Environmental Services. It will expand the geographic area served, increase the number of homeowner workshops offered, increase the frequency of the newsletter, expand the program's outreach efforts, evaluate the program, and reach goals of both agencies. The four primary goals of the NCR program are: Reduce pollution, enhance habitat, raise the awareness level of upban residents, and provide a method by which they can take action. The program works with community groups to schedule and conduct four-hour workshops at neighborhood facilities, offers follow-up site planning workshops and other events, then maintains on-going contact with participants through a newsletter.
99-293A	East Multnomah SWCD	Naturescaping for Clean Rivers	\$4,495.31	Education	Summary in 99-293. Different funding source.
99-520	City of Portland BES	Johnson Creek Watershed Revegetation Program	\$94,180.64	Restoration	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.
99-520A	City of Portland BES	Balance of 99-520 from Salem Electric Salmon Funds	\$5,819.36	Restoration	Summary in 99-520. Different funding source.
99-528	City of Portland Transportation	SE Foster Road: SE 162nd Ave to SE Jenne Rd	\$200,000.00	Restoration	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.
99-536	East Multnomah SWCD	Conservation Planning and Implementation Program	\$54,951.00	Restoration	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.
99-542	West Multnomah SWCD	Tryon Creek Watershed Assessment	\$21,804.00	Assessment	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.
99-544	Metro Regional Parks	Johnson Creek Fish Passage Improvement Project	\$69,099.00	Restoration	Remove two dams that obstruct fish passage on Johnson Creek, and revegetate newly exposed streambanks with native trees and shrubs.
<b>Multnomah County Total</b>			<b>2,724,965.24</b>		

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Polk County
200-105	Northwest Habitat Institute	Wainwright Native Grasslands Restoration	\$33,251.16	Restoration	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.	
200-109	Northwest Habitat Institute	Marx Wetland & Wet Prairie Restoration	\$63,903.74	Restoration	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.	
200-232	Rickreall WSC	Technical Assistance	\$12,468.66	Technical Assistance	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.	
201-040	Rickreall WSC	Rickreall WSC Support	\$72,892.34	Council Support	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.	
201-040A	Rickreall WSC	Rickreall WSC Support	\$2,765.68	Council Support	Same as 201-040. Change in funding source.	
201-161	Pedee Creek WSC	Livestock nutrient and sediment monitoring for TMDL develop	\$2,069.64	Monitoring	Water quality monitoring for baseline data collection on Pedee Creek.	
201-168	Pedee Creek WSC	Pedee Creek Watershed Assessment	\$13,177.03	Assessment	Assessment of watershed conditions for Pedee Creek, tributary of the Luckiamute river.	
201-559	Rickreall WSC	Rickreall WSC Action Plan	\$14,959.21	Assessment	A consultant will start at one end of Rickreall creek and walk/float to the mouth, recording conditions and GPS marking the creek. This data will be combined with existing data and be used in the development of an Action Plan for the Rickreall Watershed.	
201-619	City of Dallas/Polk SWCD	Arboretum Habitat Enhancement Project	\$142,301.00	Restoration	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.	
201-638	Ducks Unlimited Inc	Shenk WS Restoration Project	\$268,875.00	Restoration	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.	
201-648	Yamhill SWCD	Yamhill Basin Landowner Conservation Plan Implementation	\$10,785.75	Restoration	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.	
201-648A	Yamhill SWCD	Yamhill Basin Landowner Conservation Plan Implementation	\$78,140.25	Restoration	Same as 201-648. Change in funding source.	

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# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Polk County
201-740	Luckiamute WSC	Luckiamute WS Council Support	\$381.52	Council Support	Start up cost for the Luckiamute watershed council.	
203-039	Luckiamute WSC	Luckiamute WS Assessment	\$74,881.97	Assessment	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.	
203-909	Polk SWCD	CREP Technical Assistance	\$46,934.53	CREP Technical Assist	CREP Technical Assistance	
204-032	Rickreall/Luckiamute WSC	Rickreall/Luckiamute/Glenn-Gibson WSC Support	\$23,170.73	Council Support	2003-05 Council Support for Rickreall WSC	
204-032A	Rickreall/Luckiamute WSC	Rickreall/Luckiamute/Glenn-Gibson WSC Support	\$71,829.27	Council Support	2003-05 Council Support for Rickreall WSC	
204-032B	Rickreall/Luckiamute WSC	Rickreall/Luckiamute/Glenn-Gibson WSC Support (2001-03 C/O)	\$5,960.46	Council Support	2003-05 Council Support for Rickreall WSC	
204-473	Polk SWCD	CREP Tech Assistance (05-28-04 Bd Approved)	\$47,000.00	CREP Technical Assist	CREP Tech Assistance	
205-032	Luckiamute WSC	Luckiamute Helicopter Wood Placement	\$90,761.00	Restoration	This project proposes to treat the highest priority stream reach of the main stem Luckiamute River with a placement of tree length conifers to boost in-stream winter and summer habitat complexity for native Steelhead and potentially Coho. The trees have been donated by the BLM as a result of an alpine meadow restoration on Bald Mountain and will be placed with a Chinook Helicopter in a series of 20 in-stream sites that extend over a 2.6 mile reach. OWEB funds would be used for personnel (project manager), helicopter move-in, contracted services, equipment and administration.	
99-104	Rickreall WSC	Rickreall Basin Council Support-Bal in 99-104FF	\$24,821.55	Council Support	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.	
99-104FF	Rickreall WSC	Rickreall Basin Council Support-Bal in 99-104FF	\$25,865.69	Council Support	Summary in 99-104. Different funding source.	
99-335	Rickreall WSC	Rickreall Basin WC Preliminary Assessment	\$44,948.34	Assessment	The Rickreall Basin Watershed Council proposes to conduct a preliminary watershed assessment, using the OWEB Oregon Watershed Assessment Manual as a guide. The WSC will be sending out Requests for Proposals to hire a firm or individual to conduct the preliminary Watershed Assessment. The WSC Assessment Committee determined that there was more work involved than can be completed on a voluntary basis by members. The Preliminary Assessment involves accumulating existing materials from different stakeholders and county, state, federal agencies. The project involves working with the Polk County's current GIS system to extract needed information and create layers important to the watershed assessment. The material and information gathered will be analyzed and then organized in report form. The report will summarize a brief history and current conditions of the watershed. It will define areas of data gaps that need further evaluation. Action plans and data gathering projects will be determined from the report information.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Polk County
99-523	Northwest Habitat Institute	Baskett Slough Creek-Bessett Property Wetland Restoration	\$32,571.40	Restoration	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.	
99-523A	Northwest Habitat Institute	Balance of 99-523 from Salem Electric Salmon Funds	\$2,420.60	Restoration	Summary in 99-523. Different funding source.	
<b>Polk County Total</b>			<b>1,207,136.52</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Sherman County</b>					
200-246	Sherman SWCD	Grass Valley Canyon Watershed Management	\$9,075.93	Restoration	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.
201-044	Sherman SWCD	Sherman County Watershed Council Coordinator	\$41,585.00	Council Support	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.
201-044A	Sherman SWCD	Sherman County Watershed Council Coordinator	\$15,269.83	Council Support	Same as 201-044. Change in funding source.
201-358	Sherman SWCD	Mack's Canyon Watershed Restoration Phase 2	\$5,351.11	Restoration	This project proposes to implement conservation practices, such as cropland terraces, sediment basins, off-stream watering developments and cross-fencing.
201-359	Sherman SWCD	Conservation Farm Improvements on 6 ranches in Grass Valley	\$26,258.55	Restoration	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.
203-067	Sherman SWCD	Direct Seeding Incentive/Sherman Co	\$169,865.00	Restoration	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.
203-068	Sherman SWCD	Pine Hollow/Jackknife WS Enhancement/9 Farms	\$87,628.00	Restoration	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.
203-178	Grass Valley WSC	Grass Valley WS Enhancement Projects on 3 Farms	\$41,583.00	Restoration	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.
204-046	Sherman SWCD	Sherman County WSC Support	\$9,146.34	Council Support	2003-05 Council Support for North Sherman, Fulton, Gordon Canyons, Macks Canyon, Grass Valley Canyon, Pine Hollow/Jackknife WSCs
204-046A	Sherman SWCD	Sherman County WSC Support	\$28,353.66	Council Support	2003-05 Council Support for North Sherman, Fulton, Gordon Canyons, Macks Canyon, Grass Valley Canyon, Pine Hollow/Jackknife WSCs
204-046B	Sherman SWCD	Sherman County WSC Support (2001-03 C/O)	\$13,145.00	Council Support	2003-05 Council Support for North Sherman, Fulton, Gordon Canyons, Macks Canyon, Grass Valley Canyon, Pine Hollow/Jackknife WSCs

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Sherman County</b>					
204-142	Sherman SWCD	Sherman Co Conservation Work 2003	\$50,508.00	Restoration	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.
204-227	Sherman SWCD	Sherman Co SWCD Watershed Enhancement 2003-2005	\$62,316.00	Restoration	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.
204-300	Sherman SWCD	Grass Valley Watershed Assessment	\$45,639.00	Assessment	The Grass Valley watershed is the largest watershed in Sherman County. This project proposes to complete a watershed assessment for two 5th field HUCs and minor drainages to the Deschutes and John Day rivers. The watershed council is very interested in completing this assessment for the 100 landowners in the area. The application proposes to fund a research analyst. The application shows support from ODFW, NRCS, OSU Extension, WRD, BLM and Sherman County.
204-472	Sherman SWCD	CREP Tech Assistance (05-28-04 Bd Approved)	\$26,059.00	CREP Technical Assist	CREP Tech Assistance
205-056	Sherman SWCD	N Sherman Conservation Work	\$48,088.00	Restoration	This project would implement conservation practices on five operations in North Sherman County to reduce erosion/sedimentation in the John Day and Columbia rivers. Conservation practices include 66 water and sediment control basins, 24,067 feet of new terraces, 1,370 feet of reconstructed terraces and 3.6 acres of grassed waterway.
205-057	Sherman SWCD	Grass Valley Conservation Work	\$56,178.00	Restoration	This project includes development of one spring, one solar pump and watering facility, eighteen water and sediment control basins (WASCBs), reconstruction of four WASCBs, 8,905 feet of new terraces and reconstruction of 78,713 feet of existing terraces in dryland wheat cropped land in the Grass Valley Watershed, a tributary to the John Day River.
99-004	Sherman SWCD	Sherman/Wasco County Watershed Council Coordinator	\$64,800.00	Council Support	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.
99-004FF	Sherman SWCD	Sherman/Wasco County Watershed Council Coordinator	\$7,200.00	Council Support	Summary in 99-004. Different funding source.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Sherman County</b>					
99-013	Sherman SWCD	Pine Hollow Implementation & Monitoring/Jackknife Assessment	\$73,438.00	Restoration	<p>Project will implement restoration of range and riparian habitat in Pine Hollow Watershed. Project will also begin assessment efforts in Jackknife Watershed.</p> <p>PINE HOLLOW Implementation began in Pine Hollow in 1996 day on five ranches. Ranch management plans will be complete on these five operations. Planning and implementation will begin on a sixth ranch. The result will be improved range and wildlife habitat in the uplands and restoration of a productive steelhead/redband trout stream. Water quality and photo point monitoring in Pine Hollow is to be upgraded consistent with recent Council training and decisions.</p> <p>JACKKNIFE: Jackknife Watershed has just been integrated into the existing Pine Hollow Watershed Council, and requires assessment. Upland assessment will consist of range resource inventories and management plans based on NRCS specifications. These will be developed after Pine Hollow plans are finished. Riparian assessment will consist of physical stream inspection and Proper Functioning Condition assessment exercises. A monitoring plan must be developed for this watershed.</p>
99-063	Wasco & Sherman SWCDs	Buck Hollow Watershed Phase 7	\$58,677.00	Restoration	<p>This application is phase 7 of a nine-phase cooperative, holistic watershed enhancement project geared toward improving watershed health, water quality, and fish habitat. It will restore proper watershed functioning, reduce runoff and erosion, lower peak flows, and increase late season flows. It will improve range management, range condition, upland and riparian habitat. It uses a combination of vegetative and structural practices. The project will implement fencing, land treatment practices including, brush control, seeding and riparian improvements. Cost share comes from a variety of funding sources including local landowner labor.</p>
99-279	Sherman SWCD	Mack's Canyon Watershed Management	\$14,432.00	Restoration	<p>This project will implement restoration of range and riparian habitat on private land in Mack's Canyon. Activities will be based on Resource Management System Plans developed by the SWCD Watershed Technician, In addition, the Watershed technician will monitor water quality through temperature loggers, vegetative surveys, photographs, stream cross-sections, and macroinvertebrate samples. Implementation is expected to last five years. This request is for two years worth of funding.</p>
99-552	Sherman SWCD	Fulton and Gordon Canyons Watershed Management	\$4,844.00	Restoration	<p>Construct sediment basins to catch gully run-off during peak periods, and construct terraces to prevent sedimentation in the lower Deschutes Basin.</p>
<b>Sherman County Total</b>			<b>959,440.42</b>		

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Statewide County
200-091	CITE, Creative Information	Make Ripple Make a Wave	\$13,975.00	Education	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.	
200-198	The Xerces Society	Macroinvertebrate Monitoring and Identification CD-ROM	\$37,050.00	Education	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.	
200-200	Cascade Pacific RC&D	WSC Organization and Communication Skill Building	\$27,285.45	Education	To increase the effectiveness of watershed councils by enhancing organizational capacity & building communication skills among watershed council participants.	
200-201	Oregon Dairy Farmers Assn.	OR Dairy Farmers Assoc. Manure Mang Project	\$143,100.00	Education	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.	
200-202	Oregon Cattlemen's Assoc	WEST Program	\$8,661.62	Education	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.	
201-150	OSU Extension Salem	Watershed Stewardship Education Program (WSEP)	\$55,000.00	Education	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).	
201-262	Columbia-Blue Mountain RC&D	Noxious Weeds Public Affairs Project	\$76,964.76	Education	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.	
201-397	The Wetlands Conservancy	Oregon's Greatest Wetlands Project	\$19,800.00	Education	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.	
201-398	OACD	The Business of Conservation/Building Conservation Dist Capa	\$110,788.74	Technical Assistance	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.	
201-399	University of Oregon	Resource Assistance for Rural Environments	\$81,308.00	Education	This program proposes to place eight to ten technical assistants in watersheds across Oregon from October 2001 through September 2002.	
201-401	OSU Extension Salem	Watershed Stewardship Education Program	\$152,812.00	Education	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Statewide County
201-460	CITE, Creative Information	Make A Ripple Make A Wave	\$14,795.00	Education	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.	
201-544	OSU Extension Sea Grant	Oregon Watershed Weeks 2002-03	\$63,910.00	Education	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.	
201-546	Oregon Natural Heritage Program	Increasing Public Access to Biodiversity Data	\$86,235.66	Education	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.	
201-548	Oregon Natural Heritage Program	Development of Biodiversity Data	\$49,106.00	Assessment	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.	
201-718	Oregon Trout	Salmon Watch Program Expansion Project	\$37,000.00	Education	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.	
201-721	Jackson Bottom Wetlands Preserve	Creeks and Kids	\$20,896.31	Education	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.	
201-723	Oregon Dairy Farmers Assn	Manuer Management Project	\$37,000.00	Education	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.	
201-724	OACD	Voluntary Conservation Workshops	\$66,905.36	Education	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Statewide County
203-107	Oregon Trout	Salmon Watch Program Expansion	\$84,000.00	Education	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.	
203-109	Ducks Unlimited Inc	Oregon Wetlands Reserve Program Partnership	\$16,000.00	Education	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.	
203-110	OACD	Conservation District Accounting System & Database	\$53,714.00	Education	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.	
203-220	OSU Forestry	Forest Road Assessment & Restoration Workshops	\$24,526.85	Education	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.	
203-221	Oregon Water Trust	Instream Water Rights Toolbox	\$19,640.00	Education	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.	
203-222	The Xerces Society	Macroinvertebrate Monitoring Program Development Assistance	\$29,440.00	Education	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.	
203-223	OR Natural Heritage Information Ctr	On-Line Threatened & Endangered Species Guide	\$19,041.00	Education	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.	
203-227	Oregon Water Trust	Instream Flow Measurement 2003/2004	\$24,000.00	Monitoring	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Statewide County
204-267	Cascade Pacific RC&D	NW Oregon Japanese Knotweed Control	\$51,700.00	Restoration	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.	
204-462	LCREP	Student & Community Riparian Service Learning Project	\$21,753.00	Education	The Student and Community Service Learning Project will engage 25 classes of fourth and fifth grade students in the Lower Columbia River Estuary Partnership study area. The project includes classroom activities and lessons on the health and functions of riparian zones. The project also includes field trips and service learning activities to enhance natural conditions at a riparian site located near each school. Match funding is provided by the applicant and the Portland and Tualatin Parks and Recreation agencies.	
204-463	OACD Foundation	SWCD Conservation Easement Education	\$53,468.00	Education	This project will provide training for soil and water conservation districts on the basics of setting up, securing and managing conservation easements to protect working agricultural lands. Basic training will be provided to all 45 SWCDs and more intensive training provided for at least 24 SWCDs. Partners include ODA and the American Farmland Trust.	
204-464	Statewide Councils' Regional Reps	Watershed Weeks: We All Live in a Watershed!	\$87,450.00	Education	Oregon Watershed Weeks works to raise statewide awareness about watersheds, increase public involvement in local education and stewardship efforts, and promote and increase involvement in education and outreach activities by watershed councils. This project would support program coordination and development and distribution of an event guide for 2004 and 2005. The program has many partners and targets the entire state.	
204-465	OSU Extension Service/Derek Godwin	W.S.E.P. (What's Up) in Your Area?	\$37,510.00	Education	Four new educational trainings are proposed that build upon OSU's Watershed Stewardship Education Program (WSEP). "Watershed Council Bootcamp" will target watershed council capacity. "Develop Your Own Watershed Education Strategy" assists local groups with developing an education strategy. "Successful Riparian Tree Planting" emphasizes proper planning and maintenance of riparian projects. "WSEP Goes Tribal" is an educational program for teachers and students for the Umatilla Tribe.	
204-466	Deborah Rodney Pex	Make A Ripple, Make A Wave	\$14,360.00	Education	Make A Ripple, Make a Wave is a music, visual, dialogue and participation assembly program that reaches elementary students and teachers. The project would deliver 42, 40 minute programs to elementary schools in urban and rural areas including The Dalles, North Coast, Willamette Valley, and central Oregon. Additional funding comes from CH2MHill.	
204-467	Statewide Councils' Regional Reps	Building WSC Capacity Statewide	\$178,160.00	Education	The application proposes to build watershed council capacity through training and sharing successes and lessons learned; to improve and create key relationships between councils and other entities by creating a functional council network; and to build public awareness by developing a statewide accomplishment atlas. The project involves regional representatives of watershed councils around the state.	
99-076	Oregon Dairy Farmers Assn	ODFA Manure Management Project	\$134,500.00	Education	This project will be a continuation of the fifteen-month GWEB project that we are presently involved in. Under our present GWEB project we are working with 70 Oregon dairy producers. We have had tremendous results from this project, with the development of animal manure management plans, introducing soil sampling and getting producers has been tremendous. Our purpose for requesting an additional two-year extension is based on a need to get all Oregon dairy producers involved.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Statewide County</b>
99-152	Oregon Wildlife Heritage Foundation	Western OR Salmon Habitat Restoration	\$660,000.00	Restoration	Eight Oregon Department of Fish and Wildlife (ODFW) fish habitat biologists will continue to be funded to provide habitat restoration plans and technical oversight to Western Oregon landowners and watershed groups. Landowners are expected to participate by providing labor, materials, and equipment to help construct structures for habitat and habitat protection to benefit salmon. To (ODFW) monitoring biologists will also continue to be funded and will be responsible for monitoring North Coast and Mid Coast past and future projects for stability and fish use.	
99-280	OACD	InterBasin Education/Outreach Coordination	\$39,500.00	Education	This project will continue to strengthen education and outreach efforts to private landowners and managers in Oregon's 45 soil and Water Conservation Districts. Project will continue to raise awareness and participation in the implementation of the Oregon Plan for Salmon and Watersheds. Private landowners are faced with an ever-increasing list of challenges to the way that they are accustomed to doing business. The Endangered Species Act, Clean Water Act and SB 1010 are all viewed as threatening to many Oregonians. The success of the Oregon Plan is dependent upon getting beyond these fears and crafting locally led solutions to difficult problems. This can only be accomplished if SWCD's and Watershed Councils are able to communicate to their constituents with a consistent message and demonstrate the success can be achieved by working together.	
99-551	Deschutes SWCD	Oregon Plan Video Documentation Project	\$20,000.00	Education	Produce and distribute a series of six to ten short videos documenting the watershed improvements accomplished under the Oregon Plan.	
99-617	Rogue Basin Coordinating Council	Rogue Basin Restoration Technical Team/Pool	\$69,428.03	Assessment	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.	
99-618	Oregon Wildlife Heritage Foundation	Fencing Stockpile/Oregon Riparian Habitat Restoration	\$340,455.49	Restoration	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.	
99-619	Columbia River Foundation	Estuary Program/H2O Community Welcome to the River Project	\$33,964.59	Education	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.	
99-623	OACD	Voluntary Conservation Workshops	\$79,960.00	Education	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.	
<b>Statewide County Total</b>			<b>3,195,164.86</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Tillamook County</b>					
200-006	Tillamook Bay WSC	Green Creek Fish Passage Improvement Project	\$12,884.00	Restoration	This project will replace a county road culvert on Green Creek, a tributary to the Trask River that historically provided habit for salmon and trout. This culvert is a hindrance to fish passage due to the gradient, velocity, jump and lacks an adequate resting pool at the upper end.
200-019	Tillamook SWCD	2001 Tillamook County WS Enhancement Project	\$99,000.00	Restoration	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.
200-028	Lower Nehalem WSC	Lower Nehalem WSC RARE/Technical Ast	\$18,906.09	Assessment	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.
200-208	Lower Nehalem WSC	Lower Nehalem-Survey and Design-Fish Passage	\$6,325.00	Technical Assistance	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.
200-209	Tillamook Bay WSC	Samson Creek Fish Passage Phase 1	\$10,549.50	Technical Assistance	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.
201-006	Tillamook SWCD	Tillamook County Watershed Councils Coordinating Services	\$88,498.92	Council Support	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 through education and outreach, and to enhance the integrity of riparian zones and associated uplands watershed systems through out Tillamook County. The coordinator will also act as a liaison between council members, landowners, agencies, schools, and public.
201-008	Nestucca-Neskowin WSC	Nestucca-Neskowin Watershed Council Technical Assistant	\$36,409.50	Council Support	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.
201-008A	Nestucca-Neskowin WSC	Nestucca-Neskowin Watershed Council Technical Assistant	\$16,500.50	Council Support	Same as 201-008. Change in funding source.
201-072	Nestucca-Neskowin WSC	Nestucca-Neskowin Watersheds Water Quality Monitoring	\$13,566.00	Monitoring	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
201-074	Lower Nehalem WSC	Lower Nehalem Watershed Health - Action Plan	\$70,278.20	Assessment	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.
201-101	Lower Nehalem WSC	Roy Creek - Fish Passage Improvement, Essen. Salmon Hab. Rec	\$14,300.00	Restoration	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.
201-275	Lower Nehalem WSC	Lower Nehalem River Habitat Assessment	\$24,688.63	Assessment	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.
201-288	Nestucca-Neskowin WSC	NNWC Streamside Planting Program	\$20,849.62	Restoration	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.
201-417	Nestucca-Neskowin WSC	Nestucca-Neskowin BioAssessment Project	\$89,430.00	Monitoring	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.
201-428	Tillamook SWCD	Tillamook SWCD WS Restoration & Enhancement Planting	\$18,503.00	Restoration	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.
201-429	Nestucca-Neskowin WSC	Smith Creek Culvert Design	\$13,130.00	Restoration	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.
201-561	Tillamook Estuaries Partnership	Strategic Planning Workshop for WS Ed in Tillamook Co School	\$914.92	Education	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.
201-583	Tillamook SWCD	TCSWCD 2002 Restoration	\$47,619.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Tillamook County</b>
203-004	Lower Nehalem WSC	Lower Nehalem Habitat Assessment	\$28,677.17	Assessment	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.	
203-007	Nestucca-Neskowin WSC	2003 NNWC Streamside Planting Program	\$29,970.00	Restoration	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.	
203-125	Tillamook SWCD	Tillamook Co SWCD WS Restoration & Enhancement Planting 2002	\$13,485.00	Restoration	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.	
204-005	Nestucca-Neskowin WSC	Nestucca-Neskowin WSC Support	\$17,073.17	Council Support	2003-05 Council Support for Nestucca-Neskowin WSCs	
204-005A	Nestucca-Neskowin WSC	Nestucca-Neskowin WSC Support	\$52,926.83	Council Support	2003-05 Council Support for Nestucca-Neskowin WSCs	
204-007	Tillamook Bay WSC	Tillamook Bay WSC Support	\$12,395.85	Council Support	2003-05 Council Support for Tillamook Bay WSC	
204-007A	Tillamook Bay WSC	Tillamook Bay WSC Support	\$38,427.15	Council Support	2003-05 Council Support for Tillamook Bay WSC	
204-007B	Tillamook Bay WSC	Tillamook Bay WSC Support (2001-03 C/O)	\$3,041.08	Council Support	2003-05 Council Support for Tillamook Bay WSC	
204-064	Nestucca-Neskowin WSC	Nestucca-Neskowin WSCs Water Quality Monitoring	\$3,300.00	Monitoring	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.	
204-069	Lower Nehalem WSC	God's Valley Salmon Habitat Restoration	\$14,688.39	Restoration	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.	
204-077	Tillamook Estuaries Partnership	Smith Cr Fish Passage	\$32,367.35	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Tillamook County</b>					
204-342	Tillamook Estuaries Partnership	Backyard Planting Program	\$58,000.00	Restoration	This proposal would fund two years of a project that removes non-native brush, plants a variety of native trees and shrubs along the riparian areas of rivers and streams, stabilizes eroding stream banks by planting willows, provides maintenance to the plantings and monitors the sites. The work will occur along the rivers and streams of the Tillamook Bay watershed. OWEB funds would be used for site preparation and planting, maintenance, tree protection, and project management.
204-345	Lower Nehalem WSC	Upper Foley Salmon Habitat Restoration	\$13,690.00	Restoration	Funding of this project would allow 12 sites along 2,100 feet of a tributary of Foley Creek in the lower Nehalem River basin to receive large wood complexes. In addition, over a mile of the mainstem Foley Creek would have Christmas tree sized pre-commercial thinnings placed in-stream as single trees or as bundles to provide cover and protection from current for juvenile salmonids. Plantings of native conifers, hardwoods and shrubs would also occur along some of the same stream reaches. OWEB dollars would be used for equipment time necessary to place the large wood, planting labor, project management, assorted small supplies, and services.
204-346	Lower Nehalem WSC	God's Valley Salmon Habitat Restoration-Phase 2	\$12,402.00	Restoration	With funding from this project, God's Valley Creek, a high priority tributary of the lower Nehalem River, would have large wood complexes placed in 12 different sites in and along 2,100 feet of stream. In addition, slightly over three acres of riparian area would be spot planted with native tree and shrub species. OWEB funds will be used for equipment move-in and work time, and labor for tree harvest, erosion control, and planting.
204-485	Lower Nehalem Community Trust	Alder Cr Farm Wetland Restoration	\$15,960.00	Technical Assistance	Technical assistance is needed to help the Lower Nehalem Community Trust with wetland restoration on a 55-acre property they've acquired at the confluence of Alder Creek and Nehalem Bay. OWEB funds will be used for topographic surveying and mapping, biological planning, and preliminary and final wetland restoration designs and specifications.
204-488	Tillamook Bay WSC	Lower Vaughn Cr Engineering Designs	\$12,600.00	Technical Assistance	Technical assistance is needed to contract with an engineering firm to design alternatives to three undersized and/or failing culverts at two sites on Vaughn Creek, a tributary to Tillamook Bay. The outcome of the technical assistance will be construction-ready plans for alternatives to the problem culverts and the diversion dam that will improve fish passage and water quality.
205-002	L Nehalem Community Trust	Alder Cr Farm Acquisition	\$50,000.00	Acquisition	The Lower Nehalem Community Trust, a 501(c) (3) organization, requests funding to purchase a 54.22-acre former dairy farm located low in the Nehalem River estuary. 49.22 acres of the property are proposed for a perpetual conservation easement to protect fish and wildlife habitat while the remaining 5 acres will host a proposed Food Ecology Center. The \$50,000 requested from OWEB will be a portion of the funds used for the purchase of the property.
205-008	Tillamook Bay WSC	Phase II Mill Cr Riparian 2005	\$20,375.00	Restoration	This application proposes to remove invasive vegetation and plant native tree and shrub species on the property of four contiguous landowners along 5,400 feet of Mill Creek, a tributary of the Trask River in Tillamook County. A portion of the funds requested from OWEB (\$3,200) will be used for two years of twice yearly contracted tree release. \$9,600 is budgeted for contracted labor for site preparation, planting and installation of tree protection devices, \$4,000 for project management and \$2,500 for supplies and materials.
99-002	Tillamook Cnty 4-H Leaders Assoc.	Tillamook Cty Wtrshd Stewardship Ed/EnhancementYouth Project	\$7,196.92	Education	This multi-disciplinary active learning program will teach our students how all activities that occur in their watersheds affect water quality and seasonal water quantity, the health of salmonid and other fisheries, plant and wildlife resources as well as their lives. Outdoor education and hands-on restoration activities will show students ways our coastal salmon and other fisheries may be restored to sustainable levels. They will gain greater knowledge and respect for the importance watersheds have in maintaining the quality of life we desire and things they can do to enhance the health of watersheds.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Tillamook County</b>
99-016	Tillamook Bay NEP	Tillamook Fish Friendly Tide Gates	\$54,636.00	Restoration	This project will take three years to complete. Due to time limitations on work in the streams we need to program the work at about 16 tide gates each year. Funding has been applied for through several sources to accomplish this work and together they will do the entire project.	
99-048	Marlon Fessler	Fessler-Little Nestucca	\$2,746.47	Restoration	Project will reduce erosion, provide river shading and stabilize back water areas for enhanced rearing habit. It will increase habitat and feed for riparian related and dependent species.	
99-078	TCWRC & EDCTC	TCWRC WSC Coord Services for Tillamook Cnty(98-165)	\$12,700.00	Council Support	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.	
99-078FF	TCWRC & EDCTC	TCWRC WSC Coord Services for Tillamook Cnty	\$30,139.93	Council Support	Summary in 99-078. Different funding source.	
99-096	Nestucca-Neskowin WSC	1999-2001 Nestucca Neskowin WSC Technical Assistant	\$49,933.00	Council Support	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.	
99-096FF	Nestucca-Neskowin WSC	Balance of 99-096 from FF-NOAA	\$3,782.85	Council Support	Summary in 99-096. Different funding source.	
99-097	Tillamook SWCD	Year 2000 Tillamook Cnty Streamside Fencing	\$97,193.06	Restoration	To provide a trained crew of workers in the ongoing effort to implement comprehensive long-term land management practices in partnership with landowners and /or land managers. Currently, funding exists for materials and supplies related to riparian restoration but very little for labor to provide on the ground assistance to landowners. The Tillamook County Soil & Water Conservation District has been able to deliver labor and materials to implement watershed enhancement and management practices with great success since the inception of the "Hire The Fishers" Habitat Jobs Training Program. Work has been ongoing to assist landowners and managers in the development and implementation of riparian enhancement practices (fencing, off stream cattle water, cattle crossings, vegetation planting) to address watershed health as a part of comprehensive land management plans developed specifically to address resource concerns within the watershed(s).	
99-297	Lower Nehalem WSC	L. Nehalem WC RARE Intern/Action Plan	\$18,759.63	Council Support	The Lower Nehalem Watershed Council has been selected by the U of O RARE Program to receive community assistance in the form of a RARE intern for the year 99-2000. The LNWC is requesting \$20,460.00 from OWEB in cost share money to support this position. The Nehalem Watershed Assessment is near completion and the council needs assistance, based on that assessment, to develop and implement a watershed health/salmonid recovery action plan. In addition, assistance is needed to manage the Nehalem Assessment GIS data base, analyze and prioritize data gaps, assist with new data collection, develop 3 public forums & 1 landowner workshop and assist with volunteer project development and council related activities.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Tillamook County</b>					
99-298	Lower Nehalem WSC	L. Nehalem Water Q. Monitoring	\$5,445.00	Monitoring	The LNWC is seeking project support from OWEB for the Lower Nehalem Water Quality Monitoring Project in the amount of \$10,709.00 for 2000 - 2002. The project has been in progress for 2 years and was designed to collect baseline water quality data from 15-24 permanent sites in the Lower Nehalem watershed. Strategically located sites are sampled for are temperature, turbidity, fecal colifom, ecoli, pH, dissolved oxygen, conductivity and macroinvertebrates. The council has an approved DEQ - Quality Assurance Project Plan and is collecting A level quality data according to state approved protocols. Project funds will be used to cover equipment, supplies, volunteer mileage and sample analysis.
99-298A	Lower Nehalem WSC	L. Nehalem Water Q. Monitoring	\$4,193.10	Monitoring	Summary in 99-298. Different funding source.
99-298B	Lower Nehalem WSC	L. Nehalem Water Q. Monitoring	\$495.37	Monitoring	Summary in 99-298. Different funding source.
99-334	E & S Environmental Chemistry, Inc.	Necanicum Watershed Assessment & Action Plan	\$34,200.00	Assessment	The purpose of this project is to complete an assessment of the Necanicum River Watershed using the guidelines established in the OWEB watershed assessment manual. The project will hire a qualified professional contractor to complete an assessment utilizing volunteer assistance from the watershed council and the community, as well as technical assistance from local city and state agencies. The completed assessment will be distributed to state agencies and local interests for technical review. An action plan based on assessment results will also be developed. The Department of Fish and Wildlife consider three streams in the Necanicum Watershed core areas for coho salmon.
99-334A	E & S Environmental Chemistry, Inc.	Necanicum Watershed Assessment & Action Plan	\$3,800.00	Assessment	Summary in 99-334. Different funding source.
99-336	Tillamook Estuaries Partnership	Tillamook Tide Gates (99-00)	\$54,560.00	Restoration	This project proposes to continue a 1999 project of replacing tide gates that are deteriorating with new fish friendly tide gates. This project is part of the Tillamook Bay comprehensive Conservation and Management Plan signed by the Governor on August 17, 1999. Objectives are to improve water quality by improved flushing of the areas behind the gates, improve fish habitat for juvenile salmonids by opening up the areas behind the tide gates to their use, and increase capacity to handle flood waters backed up behind the tide gates during flooding episodes.
99-337	Tillamook SWCD	2000 Tillamook Co. WS Enhancement	\$97,976.61	Restoration	This project proposes to provide on-the-ground technical assistance by making available a crew of restoration workers to Tillamook County landowners for the implementation of resource management plans, water quality plans and watershed council action plans that have been designed to improve water quality and salmon habitat. The crew will implement plans that have been or are currently being developed in accordance with the NRCS Field Office Technical Guide, watershed assessments, other resources (OSU Extension, Oregon Department of Fish & Wildlife) utilizing proven management practices. The crew will provide labor, technical experience, training, and public outreach to local stakeholders in the recovery and restoration of watershed health. The desired outcome is to demonstrate and highlight the value of voluntary efforts in changing land management techniques to assist in the recovery of indigenous aquatic species and watershed health.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Tillamook County</b>					
99-338	Tillamook Estuaries Partnership	Miami R. In-Stream Fish Habitat Restoration	\$24,737.90	Restoration	This in-stream habitat improvement project will place combinations of whole uprooted trees, logs, other pieces of woody debris, and boulders at sites in the Miami River Basin, to create complex assemblages of wood. The sites will be secured in a manner to prevent their movement downstream but still allow for them to "seat" themselves. This is expected to provide high quality habitat for coho and other salmonids. Sites have already been selected by an ODF & W habitat biologist based on gradient, stream width, and proximity to spawning populations. Sites are located in Moss, Diamond, Powderhouse Creeks, and three other unnamed tributaries of the Miami River, as well as sites on the Upper Miami River. Two off-channel rearing areas will also be constructed.
99-361	Tillamook Co Performance Partnership	Tillamook Bay Salmonid Life Cycle Monitoring	\$69,909.58	Monitoring	This project, ongoing since 1998, monitors fish populations, chiefly salmonids, in the Little North Fork Wilson River and the Little South Fork Kilchis River. Statistically rigorous methods provide weekly and annual estimates of fish numbers by species and age and/or size class. This information can assess annual variability in population strength, and also could be useful in evaluating effects of land use and management actions on these populations. This monitoring is called for in the Comprehensive Conservation and Management Plan of the Tillamook County Performance Partnership, and should fulfill monitoring objectives for the State of Oregon as outlined in the Coastal Salmon Restoration Initiative.
99-369	Nestucca-Neskowin WSC	Neskowin Floodplain Assessment	\$9,000.00	Assessment	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.
99-370	Upper Nehalem WSC	Nehalem WS Health-Salmon Recovery	\$22,550.00	Restoration	The Upper Nehalem Watershed Council is requesting \$22,550.00 in matching funds to continue restoration and monitoring activities in the Nehalem Watershed. Funds will be used to cover a portion of the associated labor costs, tools, equipment and supplies needed to continue ecosystem work force activities. Actives will improve riparian conditions by installing streamside fencing, off-channel livestock watering stations, replanting riparian forests, and applying erosion control measures using bio-engineering techniques. In addition, the watershed council will continue photo point monitoring and related project effectiveness monitoring activities. The local Oregon Youth Conservation Corp will be provided hands-on experience working side by side with the habitat restoration crew. Other cooperators include the Izaak Walton League, DEQ 319, BLM, Timber industry, NRCS, ODF&W, ODF, PSU, the Boys Scouts of America and other community volunteers. All work is done according to the Oregon Aquatic Habitat Restoration and Enhancement Guidelines.
99-421	Tillamook Co Performance Partnership	National Coastal Wetlands-State share of 99-804	\$275,000.00	Restoration	Tillamook Bay Wetlands Restoration Project.
99-426	Lower Nehalem WSC	Reflection Creek - Fish Passage Imprvmnt	\$6,915.59	Restoration	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.
99-439	Nestucca-Neskowin WSC	Nestucca-Neskowin Watershed Ed	\$10,976.88	Education	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.
99-444	Tillamook Estuaries Partnership	Tillamook Cnty Prfrmnce Prtnrshp Env Mon Prog	\$125,234.55	Monitoring	Fund a two-year monitoring project in the Tillamook Bay Watershed to assess salmonid recovery efforts and track baseline environmental quality levels.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Tillamook County
99-446	Tillamook County	Whalen Island Purchase	\$917,500.00	Acquisition	Acquire 179.9 acres of prime tidal marsh, forested wetlands, wooded uplands, and estuarine habitat on Whalen Island in the Sand Lake Estuary.	
99-804	Tillamook Co Performance Partnership	National Coastal Wetlands- Part of 99-421	\$750,000.00	Restoration	National Coastal Wetlands-Part of 99-421	
<b>Tillamook County Total</b>			<b>3,721,314.31</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Umatilla County</b>					
200-157	Umatilla SWCD	Water Quality Monitoring Coordinator and Data Analyst	\$83,365.00	Monitoring	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.
200-159	Walla Walla Basin WSC	Walla Walla River Surface-Ground Water Dynamics Study	\$59,620.00	Monitoring	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.
200-160	Walla Walla Basin WSC	Walla Walla Trout & Summer Steelhead Radio Telemetry Monitor	\$86,207.20	Monitoring	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.
200-184	Umatilla SWCD	Charlie Dohert- Butter Creek Range & Riparian Enhancement	\$96,231.00	Restoration	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.
200-188	Walla Walla Basin WSC	Walla Walla IDWC	\$290,482.00	Restoration	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.
200-241	Umatilla SWCD	Morrow/Umatilla Conservation Technical Assistance	\$19,435.42	Technical Assistance	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.
201-052	Walla Walla Basin WSC	Walla Walla Watershed Council Support	\$100,495.27	Council Support	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.
201-053	Umatilla Basin WSC	Umatilla Basin Watershed Council Support	\$81,042.09	Council Support	Fund Coordinator Position and overhead expenses for 2 years.
201-053A	Umatilla Basin WSC	Umatilla Basin Watershed Council Support	\$2,781.00	Council Support	Same as 201-053. Change in funding source.
201-053B	Umatilla Basin WSC	Umatilla Basin Watershed Council Support	\$40,798.91	Council Support	Same as 201-053. Change in funding source.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Umatilla County</b>					
201-221	Walla Walla Basin WSC	Walla Walla Water Quality Monitoring & TMDL Devel.	\$17,866.00	Monitoring	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.
201-235	Oregon State Parks	Camas Creek Watershed/Riparian Protection Project	\$10,280.00	Restoration	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.
201-251	Walla Walla Basin WSC	Huffman Ditch Piping - Walla Walla River Water Conservation	\$72,664.00	Restoration	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.
201-365	Walla Walla Basin WSC	Walla Walla River Ecology Mural	\$5,500.00	Education	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.
201-366	Columbia-Blue Mountain RC&D	"Weed" The Play	\$2,091.97	Education	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.
201-385	Walla Walla Basin WSC	Huesby Winter Water Reservoir Project	\$15,000.00	Restoration	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.
201-509	Walla Walla Basin WSC	Walla Walla River Hydrologic & Water Budget Project	\$122,300.00	Monitoring	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.
201-516	Walla Walla Basin WSC	Weston Mountain Ponds	\$34,894.30	Restoration	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.
201-518	Umatilla SWCD	Spin & Marty- Butter Creek Range & Riparian Enhancement Proj	\$34,968.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
201-676	Umatilla Basin WSC	Umatilla River Basin Sediment Monitoring	\$51,786.00	Monitoring	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%).
201-697	Walla Walla Basin WSC	Baker Irrigation Efficiency Walla Walla River	\$26,500.00	Restoration	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.
201-699	Umatilla SWCD	Upper Butter Creek Channel Restoration Action Plan	\$33,830.00	Assessment	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.
201-704	Umatilla SWCD & ODF	Umatilla Co Forest Restoration & Fuels Reduction Project	\$72,900.00	Restoration	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.
201-705	Umatilla SWCD	Rock & Pine Cr Sediment Reduction & Road Improvement Proj	\$42,606.00	Restoration	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.
201-711	Umatilla SWCD	Kopp Ranches Butter Cr Range & Riparian Enhancement Project	\$14,179.23	Restoration	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.
203-084	Walla Walla Basin WSC	STELLAR	\$22,860.00	Education	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%).
203-086	Walla Walla Basin WSC	Walla Walla Water Quality Monitoring	\$28,128.00	Monitoring	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Umatilla County</b>
203-092	Umatilla SWCD	NE Oregon Stream Crossing Enhancement	\$85,800.00	Restoration	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%).	
203-101	Walla Walla Basin WSC	Richartz Canal Piping/Walla Walla R Conservation	\$170,000.00	Restoration	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%).	
203-212	Umatilla SWCD	Umatilla Walla Walla Basin Sustainable Agricultural	\$93,900.00	Restoration	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.	
203-259	Walla Walla Basin WSC	Hudson Bay Aquifer Recharge Engineering	\$18,900.00	Technical Assistance	Hudson Bay Aquifer Recharge Engineering	
204-053	Umatilla Basin WSC	Umatilla Basin WS Foundation Support	\$14,634.15	Council Support	2003-05 Council Support for Umatilla Basin WSC	
204-053A	Umatilla Basin WSC	Umatilla Basin WS Foundation Support	\$45,365.85	Council Support	2003-05 Council Support for Umatilla Basin WSC	
204-053B	Umatilla Basin WSC	Umatilla Basin WS Foundation Support (2001-03 C/O)	\$8,069.00	Council Support	2003-05 Council Support for Umatilla Basin WSC	
204-054	Walla Walla Basin WSC	Walla Walla Basin WSC Support	\$21,648.05	Council Support	2003-05 Council Support for Walla Walla Basin WSC	
204-054A	Walla Walla Basin WSC	Walla Walla Basin WSC Support	\$67,108.95	Council Support	2003-05 Council Support for Walla Walla Basin WSC	
204-054B	Walla Walla Basin WSC	Walla Walla Basin WSC Support (2001-03 C/O)	\$1,800.42	Council Support	2003-05 Council Support for Walla Walla Basin WSC	
204-054C	Walla Walla Basin WSC	Walla Walla Basin WSC Support (2001-03 C/O)	\$2,424.58	Council Support	2003-05 Council Support for Walla Walla Basin WSC	
204-167	Umatilla SWCD	Birch Cr Fish Passage/Irrigation Efficiency	\$102,889.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Umatilla County</b>					
204-244	Walla Walla Basin WSC	Hudson Bay Aquifer-Spring Restoration	\$84,544.00	Restoration	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.
204-245	Umatilla SWCD	Lorenzen Ranches Livestock Feeding Relocation	\$160,974.00	Restoration	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.
204-246	Walla Walla Basin WSC	Milton Ditch Consolidation & Piping Efficiency	\$120,000.00	Restoration	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.
204-312	Walla Walla Basin WSC	Walla Walla Surface Ground Water Monitoring	\$167,082.00	Monitoring	This project funds continuing hydrologic and hydrogeologic assessments designed to provide critical water budget data for the Walla Walla basin, the Walla Walla River USFWS-irrigation district agreement, and the CTUIR-USACE Feasibility project. Work includes installation and maintenance of 22 semi-permanent stations; seepage assessment; shallow aquifer well-level monitoring; diversion inventory; surface-groundwater modeling and a water budget. Cost-share partners include OSU, OWRD, CTUIR, Hudson Bay District Improvement, Walla Walla River Irrigation District and WWBWSC.
204-313	Umatilla SWCD	Wildhorse WS & Tmdl Implementation Study	\$117,778.00	Monitoring	This proposal funds two years of intensive studies of how in-stream sediment, temperature, and nitrates relate to land use in Wildhorse Creek. The remaining resources are to be spent maintaining TMDL implementation effectiveness monitoring of sediment and temperature in the greater Umatilla Sub-basin. The largest portion of the OWEB funds will be spent on wages & benefits (70%) and sample analysis (14%). The monitoring in this proposal is pursuant to the Long Term Monitoring Plan (LTMP) developed to evaluate progress and validate implementation of the Umatilla River Basin TMDL/WQMP.
204-460	Walla Walla Basin WSC	STELLAR WS Education	\$16,950.00	Education	This project has three components: 1) Increase teachers' and students' knowledge of the local watershed while strengthening students' inquiry skills; 2) Stream restoration at the Ferndale Elementary School in Milton-Freewater; and 3) Communicate watershed processes and concepts to Walla Walla watershed residents. OWEB funds are requested for personnel (71%), travel (4%), materials/computer (16%), and administration (9%). Cost-share partners include Milton-Freewater School District and WWBWSC.
204-518	Umatilla Basin WSC	Umatilla/Morrow/Walla Walla Region TA	\$49,875.00	Technical Assistance	The Umatilla Basin Watershed Council (UBWC), Confederated Tribes of the Umatilla Indian Reservation (CTUIR), Walla Walla Basin Watershed Council, (WWBWC), Morrow and Umatilla SWCDs have developed a coalition technical team focused on installed watershed health projects. OWEB funds will be used to design restoration projects including riparian planting in non-CREP eligible areas, two fish-passage improvement projects, instream habitat improvements, alternative diversion structures for three push-up dams, and engineering water quality protection.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
99-006	Umatilla Basin WSC	Umatilla Basin Council Support	\$64,799.81	Council Support	Improve water quality & fish & wildlife habitat diversity in the Umatilla River Basin by: coordinating & facilitating stakeholder & interagency TMDL projects. Assisting watershed restoration efforts by landowners, agencies, and other entities. Providing stakeholders and natural resource agencies of the Umatilla Basin opportunity for public forum, comment and participation in watershed health activities and implementation of ensuing plans. Providing natural resource conservation education & outreach to basin-wide schools and stakeholders.
99-006FF	Umatilla Basin WSC	Balance from 99-006 to FF-NOAA	\$58,760.19	Council Support	Summary in 99-006. Different funding source.
99-217	Columbia-Blue Mountain RC&D	Noxious Weed Public Affairs Project B	\$36,940.00	Education	Invasive weeds in Oregon are disrupting ecosystems, affecting water quality and causing tremendous economic losses. This project will develop and implement an aggressive public affairs program that will educate local leaders and apathetic citizens about the devastating impacts of noxious weeds. A survey will target the average citizens within Eastern Oregon urban boundaries for baseline information about their knowledge. A fulltime Noxious Weeds Public Affairs Coordinator will implement the public affairs strategy, using outreach components to reach all citizens. An Eastern Oregon Forum will engage local leaders to take action to support prevention and control of noxious weeds. End results are an increased priority for noxious weeds prevention and control among citizens and the legislature that leads to increased funding and personal responsibility for the noxious weeds problem.
99-219	Walla Walla Basin WSC	Walla Walla Watershed Council Coordinator	\$59,100.00	Council Support	The Walla Walla Basin Watershed Council is requesting funding for the coordinator position, support services, and travel expenses. The Council has been actively planning and implementing on the ground projects, has completed an assessment and action plan, and provides input and assistance on state, federal, and Tribal projects. The coordinator has been managing these activities while carrying on the day to day administrative tasks of running the Council office, organizing meetings, checking fences, propagating and planting riparian vegetation, writing grants, and monitoring water quality. Since October 1997, a coordinator has been implementing these activities and developing new projects with landowners. Many of these activities will have a direct effect on water quality improvements of Walla Walla River stream segments listed on DEQ's 303 (d) list and improve passage and habitat for recently listed summer steelhead and bull trout, as well as the spring Chinook soon to be reestablished in the basin.
99-251	Umatilla SWCD	Water Quality Monitoring And Data Analysis	\$58,437.00	Monitoring	The applicant proposes to monitor streams in the Umatilla Basin for suspended sediment and stream temperature. Sediment monitoring will focus on determining the amounts and sources of fine sediment contributed to the Umatilla River by its sub-basin. Temperature monitoring will be used to develop a picture of summer stream temperature throughout the basin. The water quality data will be managed and analyzed by a Monitoring Coordinator/Data Analyst. The resulting information will be made available to the public and will be used by a TMDL Stakeholders group and landowners to develop water quality management plans for the Umatilla Basin
99-390	Umatilla SWCD	Umatilla-Walla Walla Basin Long Term BMP	\$25,765.17	Restoration	The Long Term BMP Implementation Project will assist cooperators in installing the BMP of direct seeding over the critical first 5 years of implementation. Research shows that there is a major economic and system hurdle to overcome around the fifth year of direct seeding. This project provides economic incentives to get into the system of direct seeding. USDA-ARS will monitor two of the sites in a paired watershed study to determine volume and timing of runoff and the sediment and nutrient content during the five-year project.

## Umatilla County

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Umatilla County</b>
99-391	Umatilla SWCD	Umatilla Basin Sustainable Ag/Communities	\$99,000.00	Restoration	The Umatilla SWCD will provide a limited incentive to growers in the Umatilla and Walla Walla Basins for the application of the Direct Seeding BMP. A major limiting factor in water quality is sedimentation. Implementation of direct seeding and more intensive rotations will greatly reduce the amount of sediment produced from agricultural activities. The adoption of direct seeding in the basins has been slow due to lack of demonstrated effectiveness, long-term financial sustainability and high initial cost of equipment. U.S. EPA and ODEQ have funded this project the past three seasons. In each of the proceeding years the acreage goals of the program have been met and the opportunity for other producers to participate have been limited by lack of funds.	
99-410	Umatilla SWCD	Butter Cr. Enhancement	\$50,811.00	Restoration	The Butter Creek Enhancement Project encompasses 90,000 + acres in Umatilla and Morrow Counties, 17 miles of main Butter Creek, 10 miles of the East Fork of Butter Creek and 18 miles of various tributaries to Butter Creek. The headwaters of Butter Creek begin in the Umatilla National Forest and drain to the Umatilla River. This project captures virtually all of the headwaters on private land. Phase 1 projects were funded by a 1999 GWEB grant. Primary concerns within the project area are water quality and quantity, loss of fish passage, diminished stream corridor vegetation, reduced range/pasture conditions, depleted fish and wildlife habitat, and protection of cultural resource sites. This submittal is for projects in Phase 2 of the project, which will be installed during the winter and spring 2000. The funding requested will install critical spring developments, cross fencing to improve upland resource conditions and staff technical assistance to design and implement projects.	
99-591	Walla Walla Basin WSC	Government Mtn Sediment Reduction Project - Phase 2	\$28,960.00	Restoration	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.	
99-602	Walla Walla Basin WSC	Instream Flow Enhancement - Upper Walla Walla River	\$44,410.00	Restoration	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.	
99-602A	Walla Walla Basin WSC	Instream Flow Enhancement - Upper Walla Walla River	\$34,410.00	Restoration	Summary in 99-602. Different funding source.	
<b>Umatilla County Total</b>			<b>3,379,947.56</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Union County
200-193	Union SWCD	Brush Creek-Phase 3	\$3,504.41	Restoration	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.	
200-194	Union SWCD	Smith Creek Stream Restoration	\$13,030.00	Restoration	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.	
200-195	Union SWCD	Spring Pond Development	\$21,320.00	Restoration	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.	
200-242	Union SWCD	Technical Assistance Grande Ronde	\$34,000.00	Technical Assistance	Assistance is needed to help cover the workload created form 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.	
201-057	Grande Ronde Model Watershed	Grande Ronde Model Watershed Program Support	\$128,237.26	Council Support	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.	
201-057A	Grande Ronde Model Watershed	Grande Ronde Model Watershed Program Administration	\$2,781.00	Council Support	Same as 201-057. Change in funding source.	
201-057B	Grande Ronde Model Watershed	Grande Ronde Model Watershed Program Administration	\$29,260.00	Council Support	Same as 201-057. Change in funding source.	
201-223	Union SWCD	Water Quality Monitoring for the Grande Ronde River Basin	\$93,870.00	Monitoring	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.	
201-242	Union SWCD	Wolf Creek Riparian Enhancement and Irrigation Consol.	\$76,750.00	Restoration	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.	
201-375	Union SWCD	Union County Direct Seeding	\$63,000.00	Restoration	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.	
201-376	Union SWCD	Wolf Creek Riparian Livestock Exclusion & Watering System	\$15,250.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Union County</b>
201-377	Union SWCD	Grande Ronde Tributary Exclusion and Pond Enhancement	\$4,925.00	Restoration	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.	
201-378	Union SWCD	Wolf Creek/Powder Livestock Exclusion & Watering System	\$24,434.36	Restoration	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.	
201-379	Union SWCD	Streambank Restoration/Arnoldus	\$52,375.00	Restoration	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.	
201-380	Union SWCD	Terracing/Upper Grande Ronde	\$9,345.00	Restoration	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.	
201-513	Union SWCD	Owsley Canyon Creek Restoration Phase I	\$57,560.00	Restoration	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.	
201-515	Ducks Unlimited Inc	Ladd Creek/Tule Lake Restoration Project Phase II	\$160,000.00	Restoration	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.	
201-522	Union SWCD	Milk Creek Riparian Enhancement Project	\$32,146.00	Restoration	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.	
201-526	Union SWCD	Marley Creek Fencing & Spring Development	\$25,063.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Union County</b>
201-527	Union SWCD	Zubrick Dike Setback	\$8,940.00	Restoration	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.	
201-687	Union SWCD	Meyer Lewis Irrigation Improvement	\$72,371.00	Restoration	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.	
201-702	Ducks Unlimited Inc	Beagle Creek Restoration Project	\$12,450.75	Restoration	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%).	
203-094	Union SWCD	Church & Lay Small Pond Development	\$21,048.00	Restoration	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%).	
203-195	Union SWCD	Davidson Stream Restoration	\$20,569.00	Restoration	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.	
203-198	Union SWCD	Courtney Small Pond & Nutrient Management	\$17,822.00	Restoration	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.	
203-205	Union SWCD	Perry Riparian & Grazing Management	\$16,385.00	Restoration	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.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Union County</b>
203-207	Union SWCD	Powder Riparian Enhancement & Livestock Dispersal	\$26,255.00	Restoration	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.	
203-211	Union SWCD	Teeter Streambank Stabilization	\$79,670.00	Restoration	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.	
203-906	Union SWCD	CREP Technical Assistance	\$45,000.00	CREP Technical Assist	CREP Technical Assistance	
204-049	Grande Ronde Model WS Program	Grande Ronde Model WS Program Support	\$30,372.93	Council Support	2003-05 Council Support for Grande Ronde Model WS Program	
204-049A	Grande Ronde Model WS Program	Grande Ronde Model WS Program Support	\$94,156.07	Council Support	2003-05 Council Support for Grande Ronde Model WS Program	
204-049B	Grande Ronde Model WS Program	Grande Ronde Model WS Program Support	\$1,500.00	Council Support	2003-05 Council Support for Grande Ronde Model WS Program	
204-160A	Grande Ronde Model WS Program	NF Catherine Cr Riparian Rehab & Youth Crew	\$14,300.00	Restoration	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.	
204-168	Union SWCD	Mudd Ranch Resource Management	\$19,860.00	Restoration	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.	
204-314	Union SWCD	Water Quality Monitoring for the Grande Ronde River Basin	\$60,600.00	Monitoring	The project will continue assessment of current water quality conditions, trends and restoration/conservation project effectiveness. It will coordinate and improve data collection in the basin and will continue to inform landowners, operators, and resource conservationists of water quality conditions and trends and educate them in issues related to water quality. OWEB funds are requested for water quality technician (93%), travel (1%) and administration (6%). Cost-share partners include the BOR, Union SWCD, NRCS, DEQ 319 funds.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Union County
204-416	Union SWCD	Grande Ronde Enhanced Riparian Plant Survival Phase II	\$11,860.00	Restoration	This project would continue an ongoing effort to improve the survival of riparian plantings along the Grande Ronde. The City of La Grande would provide its municipal water right to allow for drip irrigation at both existing and proposed plantings. Watershed benefits include improved riparian vegetation. OWEB funds are requested for technician (68%), mileage (18%), filters/screen (10%), and administration (4%). Cost-share partners include USFWS.	
204-429	Union SWCD	Fox Hill Spring Development & Livestock Dispersal	\$18,547.00	Restoration	Located near La Grande, six spring sites will be developed at strategic locations to disperse livestock away from sensitive riparian areas, improve upland conditions and improve grazing management. Watershed benefits include reduced sediment, reduced nutrients and improved wetland habitat. OWEB funds are requested for technical support (2%), contracted services (53%), supplies/materials (20%), troughs (15%), and administration/monitoring (10%). Cost-share partners include the landowner.	
204-434	CTUIR	End Cr/Rice Fish Habitat & Wetland Restoration	\$38,880.00	Restoration	Restore 540 acres of historic wetland that has been converted to cropland. A variety of restoration activities including 13,000' channel reconstruction, ditch filling, re-establishment of native trees, shrubs and grassland, 4,000' terrace construction, floodplain pond construction, weed control and riparian grazing management. OWEB funds are requested for contracted services (69%), supplies/materials (18%), seed (4%), and administration/monitoring (9%). Cost-share partners include BPA, NRCS, CTUIR, USFWS, ODFW and landowner .	
204-471	Union SWCD	CREP Tech Assistance (05-28-04 Bd Approved)	\$45,000.00	CREP Technical Assist	CREP Tech Assistance	
205-060	Union SWCD	Bottle Cr & N Fork Clark Cr Tributary Exclosure Fences	\$12,210.00	Restoration	The project proposes to construct a barbed-wire, let-down fence in place of existing temporary electric fencing, which has proven unreliable to prevent livestock from entering riparian exclosures. Exclosures are needed to protect stream and riparian habitat and will benefit resident redband trout and steelhead. OWEB funds are requested for fencing contract (91%) and administration (9%). Cost-share partners are the USFS and permittees.	
205-061	Union SWCD	U Ladd Cr Fish Passage Restoration	\$9,302.00	Restoration	An undersized culvert will be replaced with a bridge to establish fish passage over the dam at Ladd Creek pond to access 2.5 miles of habitat. Also, an undersized culvert on Smutz Draw will be replaced with a counter-sunk, squash culvert to provide optimum fish passage to 1.5 miles of fish habitat. Watershed benefits include fish habitat improvement, passage and reduced sediment delivery. OWEB funds are requested for bridge materials and installation (75%), culvert and installation (15%) and administration (9%). The USFS is a cost-share partner.	
205-062	Union SWCD	Bear Cr Restoration	\$5,503.00	Restoration	The project will enhance steelhead habitat in Bear Creek in the upper Grande Ronde Basin by obliterating 1.0 mile of draw-bottom road and construct 1.1 miles of ridgetop road to replace the obliterated road. In addition, conifers and grasses will be planted in the riparian area and large woody debris will be placed on approximately 1.0 miles of stream. OWEB funds are requested for road work (78%), planting (13%) and administration (9%). Cost-share partners are BPA, USFS and Title II funds.	
99-092	Union SWCD	Bruce Rynearson/Dobbin Ditch	\$6,945.00	Restoration	The landowner is developing a RMS (Resource Management System Plan) for this recently leased property. The GWEB grant will allow him to spread the spoils that were left along the edge of Dobbin Ditch by the previous leasee which are actively eroding into the waterway. Dobbin Ditch, Hunter Creek on old maps, empties directly into the Grande Ronde River. To install a fence to eliminate grazing in the riparian area along the entire length of the waterway running through this property. The grant will also allow him to construct watergaps with a fence and gate system would allow for livestock to have a water source without adversely impacting the stream or riparian area. It would also allow a better grazing system to be implemented.	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
99-165	Union SWCD	Snow-McIntyre Crk Rd Relocation & Restoration	\$25,980.00	Restoration	This project will decommission 6 miles of the main McIntyre Creek Road that runs immediately adjacent to McIntyre Creek, a steelhead spawning and rearing stream. The access for landowners and general public gained by this road will be replaced by the construction of a new road (over an existing native surface road) on a ridge top to the west of McIntyre Creek. The Large multi-agency/group project will also decommission the old stream bottom road and place structures in an attempt to allow it to return to a more normal functioning system.
99-166	Union SWCD	Clarks Crk Streambank & Riparian Restoration	\$10,365.00	Restoration	The project will rehabilitate, enhance, and restore the in-stream salmonid habitat and riparian area of Clarks Creek by installing 10 upstream rock barbs with rootwads, planting 1350 ft of riparian species, and protecting the riparian area by the construction of an fencing enclosure. The rock barbs will also reduce near-bank stream velocities and subsequent stream sloughing and erosion, and provide streambank stability to this area of the stream.
99-167	Union SWCD	Water Quality Monitoring- Grande Ronde Rvr Basin	\$52,230.00	Monitoring	The project will continue to compile, analyze and summarize existing data in the Grande Ronde River Basin. The project will produce a written report of the summarized data identifying trends, gaps and restoration areas. The data will also be presented publicly to increase the awareness of water Quality in the basin. The project will continue to collect data that will support the more than 230 restoration/conservation projects that are in various stages of completion. The project will also develop a database to compile water quality site information and data for the Grande Ronde River Basin making it usable by all and compatible with the state system. The project will continue to adapt the design (DEQ approved) of the monitoring project through the Union SWCD Water Quality Advisory Group to ensure current water quality issues are addressed.
99-167A	Union SWCD	Water Quality Monitoring- Grande Ronde Rvr Basin	\$5,592.69	Monitoring	Same as 99-167. Change in fund source.
99-170	Union SWCD	Bingaman/Grande Ronde Streambank & Riparian Restoration	\$41,533.92	Restoration	This proposal, involves improving pasture along a 1 1/2 mile section of the Grande Ronde River near Elgi. The project will rehabilitate, enhance, and restore this reach by installing 12 rock barbs with rootwads, planting 950 ft of riparian plantings, and 7968 ft of riparian fencing. The project involves stream-bank stabilization, aquatic habitat improvement, and riparian restoration.
99-173	Union SWCD	Grande Ronde Technical Engineering Assistance	\$73,160.00	Restoration	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.
99-201	Union SWCD	Grande Ronde Basin In Stream Structure Enhancement	\$11,575.00	Restoration	Utilization of a trackhoe and log loader to place logs, boulders, rootwads, and other natural material into streams deficient of structure for fish habitat and enhancement. This project does not identify a specific stream, reach, or landowner. That will be determined by the joint applicants (Oregon Dept. of Forestry, and the Oregon Dept. of Fish and Wildlife personnel). This is a "block" type grant proposal. Many times during the in-stream work window, unforeseen opportunities become available to utilize a machine of this type in a site-specific situation but are not realized due to lead time needed for project planning and approval.

## Union County

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
99-348	Grande Ronde Model Watershed	Grande Ronde MWS-bal of grant in 99-348FF	\$15,522.07	Council Support	The project will provide partial funding for administration and coordination of the Grande Ronde Model Watershed Program. Activities include; restoration project planning, prioritization, implementation and monitoring; and education and public outreach. The program facilitates dialogue between landowners, Indian tribes, and local, state, and federal natural resource management agencies. The program encourages coordination of projects and programs beyond jurisdictional boundaries by creating cooperative, incentive-based ways to encourage private landowners to implement watershed restoration projects.
99-348FF	Grande Ronde Model Watershed	Request from 99-348 to FF-NOAA	\$72,420.48	Council Support	Summary in 99-348. Different funding source.
99-348FF-A	Grande Ronde Model Watershed	Balance from 99-348FF (LFCO TX)	\$51,272.45	Council Support	Summary in 99-348. Different funding source.
99-407	Union SWCD	Catherine Cr. Water Mgt.	\$12,777.73	Restoration	The Catherine Creek Coordinated Resource Management Plan (CRMP) identifies water flow as one of the primary issues affecting the health of the watershed. The task force that created the CRMP identified the addition of new head gates, upgrades of existing head gates, and the installation of measuring devices as key activities to help make Catherine Creek "as good or better than it has ever been." This proposal addresses those needs identified in the CRMP by assisting landowners with the cost of installing or improving head gates, diversion structures, and measuring devices.
99-414	Union SWCD	Grande Ronde Basin In-Stream Structure Enhancement 2000	\$30,156.75	Restoration	This proposal continues a 1999 GWEB project which funds large woody debris and boulder placement in structure-deficient streams using a track mounted grapple loader. It uses a "block grant" concept, where specific stream reaches and landowners will be identified during the summer operating season as unforeseen opportunities arise. These opportunities will be identified by ODF and ODFW field staff, who will evaluate the need for in-stream structure, coordinate, and supervise the in-stream placement work. Implementation will enhance aquatic resources in the Grande Ronde basin which has ESA-listed anadromous species.
99-415	Union SWCD	U. Grande Ronde Healthy Forested Watersheds	\$79,511.00	Restoration	This project intends to improve the watershed function on six family owned forestlands by improving long-term forest health and vigor through development of individual Stewardship Plans, density control, species composition control, and fuels reduction projects. This will include 740 acres of plantings, 10 acres of reforestation, and 220 acres of pre-commercial thinning with fuel reduction. Individual site-specific project specifications will be written to improve the watershed component function on these family-owned forestlands through healthier, more resilient forests. This will in turn provide better long-term capture, storage, and release of water. Improving forest stand conditions will enhance watershed health and function by improving water quality and quantity.
99-573	Union SWCD	Price / Brush Creek Streambank Restoration - Phase II	\$6,441.00	Restoration	Fence Brush Creek (in the headwaters of Upper Ladd Creek) to prevent livestock and elk watering. Install water gaps. Plant native vegetation.
99-575	Union SWCD	Follett/Pine Grove Cmtry Rd Reloc & Riparian Rest - Phase II	\$18,583.00	Restoration	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.
99-577	Union SWCD	Rock Creek off stream water development	\$9,400.36	Restoration	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.
99-578	Union SWCD	Milk / Catherine Cr. Channel Meander-Fish Passage Estblshmnt	\$76,200.00	Restoration	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.

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Union County</b>
99-601	Union County Public Works / ODFW	Ladd Creek (Middle Fork) Relocation and Restoration	\$85,414.00	Restoration	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.	
99-603A	City of LaGrande	Riparian Plant Survival Enhance	\$17,377.00	Restoration	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.	
99-603B	Union SWCD	Riparian Habitat Improve Ed/Demo	\$14,636.11	Restoration	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.	
99-603B-1	Union SWCD	Riparian Habitat Improve Ed/Demo	\$7,863.89	Restoration	Summary in 99-603B. Different funding source.	
<b>Union County Total</b>			<b>2,254,410.23</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Wallowa County</b>					
200-153	Wallowa SWCD	Lostine Watershed Assessment	\$19,596.69	Assessment	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.
200-155	Wallowa SWCD	Wallowa County Stream Flow Gaging Stations	\$42,270.00	Monitoring	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.
200-162	Wallowa SWCD	Deer Creek Afforestation	\$11,669.39	Restoration	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.
200-163	Wallowa County Planning	Wallowa County Tax Lot Digitization	\$25,000.00	Assessment	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.
200-163A	Wallowa County Planning	Wallowa County Tax Lot Digitization	\$25,000.00	Assessment	Same as 200-163. Change in fund source.
200-164	Wallowa SWCD	Jones Streambank Protection/Fish Habitat Improvement Lostine	\$9,425.00	Restoration	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.
200-183	Associated Ditch Companies Inc	Project Engineering Wallowa Lake Dam Rehabilitation	\$70,000.00	Assessment	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.
201-217	The Nature Conservancy	Zumwalt Prairie Land Acquisition	2,500,000.00	Acquisition	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 Champion and 20 additional at-risk species.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
201-217A	The Nature Conservancy	Zumwalt Prairie Land Acquisition (Addendum)	\$500,000.00	Acquisition	Addendum to 201-217
201-228	Wallowa SWCD	Marr Creek Sediment Reduction Spring dev./Protectio	\$24,120.00	Restoration	*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.
201-229	Wallowa SWCD	Deer Creek Sediment Reduction and Road Restoration	\$29,430.00	Restoration	*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.
201-230	Wallowa SWCD	Whiskey Creek Sediment Reduction & Road Restoration	\$68,983.00	Restoration	*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.
201-238	Wallowa SWCD	Big sheep Creek Riparian Fence	\$30,875.00	Restoration	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.
201-364	Grande Ronde Model Watershed	Grande Ronde Basin Natural Resource Outreach	\$30,220.00	Education	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.
201-386	Wallowa SWCD	Yost Water Quality Improvement	\$57,981.00	Restoration	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.
201-387	Wallowa SWCD	Lathrop Riparian Improvement	\$6,130.56	Restoration	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.
201-708	Wallowa SWCD	Buhler Fence & Water Development	\$42,500.00	Restoration	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%).
203-090	Wallowa Resources Inc	Phase II Bear Gulch WS Restoration	\$27,050.00	Restoration	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%).
203-091	Wallowa SWCD	Wallowa Co Fuels Treatment & Forest Restoration	\$67,350.00	Restoration	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%).

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Wallowa County</b>					
203-099	Wallowa SWCD	Harshfield Little Sheep Cr Bank Stabilization	\$6,366.98	Restoration	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.
203-202	Wallowa SWCD	Morse Road Rehabilitation Project	\$31,580.00	Restoration	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.
204-150	Grande Ronde Model WS Program	Grande Ronde Basin Natural Resource Education & Outreach	\$12,900.00	Education	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.
204-309	Wallowa Resources	Community Planning Process L Joseph Cr WS Assessment	\$50,000.00	Assessment	The applicant is proposing to do an assessment of current conditions in lower Joseph Creek watershed (162,807 acres) to develop priorities for watershed restoration. Assessments of forest, range, and range conditions will occur as well as road and recreational-use analysis and wildlife issues. OWEB funds are requested for forest assessment (64%), riparian assessment (30%), and administration (6%). Cost-share partners include The Nature Conservancy, USFS, Ford Foundation/Wallowa Resources, Wallowa County NRAC, Grande Ronde Model Watershed.
204-315	Wallowa SWCD	Wallowa Co Stream Flow Gaging Stations	\$45,862.00	Monitoring	The project continues operation of seven mainstem stream gages: three in the Lostine, two in Bear Creek and two in the Wallowa River. These gages assist in irrigation water management, fisheries management, long-term flow and trend analysis, DEQ WQ management planning, and will provide essential information to facilitate a proposed exchange for stored water in Wallowa Lake with surface water in the Lostine River and Bear Creek. OWEB funds are requested for personnel (USGS, OWRD and GRMWP (74%), contracted services (15%), supplies (2%) and administration (10%). Cost-share partners include the Grande Ronde Model Watershed Program and Nez Perce Tribe.
204-417	Wallowa Resources	Joseph Cr Steelhead Restoration	\$42,450.00	Restoration	Twelve and one half miles of blocked steelhead and redband trout habitat would be restored by removing and replacing five culverts in the Joseph Creek watershed with bridges. The current culverts are undersized or have inappropriate gradients with perches and were rated as "high" or "very high" for replacement in the Culvert Fish Passage Rating & Prioritization Report by the USFS. OWEB funds are requested for bridges (54%), abutment pairs (15%), excavation and installation (17%), administration (5%), and interpretive signs (9%). Cost-share partners include The Nature Conservancy, GRMWP, USFS, Wallowa Resources and Auburn University.
205-095	Wallowa Resources	Wallowa River/McDaniel Habitat Restoration	\$95,228.00	Restoration	The project proposes to restore degraded riparian and floodplain habitat and improve instream habitat diversity and water quality near Lostine. Project components include reestablishing ½ mile of meandering stream channel, six revetments, six grade-control structures, channel reclamation, two stock tanks, two water gaps and pond construction. OWEB funds are requested for channel reconstruction (46%), instream structures/reclamation (44%), vegetation (5%) and administration (5%). Cost-share partners include BPA, NRCS, ODFW, CTUIR, landowner, Wallowa Resources, various foundations and volunteers.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Wallowa County</b>					
99-040	Wallowa SWCD	Wallowa Cty Direct Seeding Incentive Program	\$20,255.00	Restoration	Demonstrate the applicability of direct seeding (no-till) cropland in Wallowa County. Reduce soil erosion rates on cropland to decrease the "T" ("T" is the maximum rate of soil erosion that will permit a high level of crop productivity to be sustained economically and indefinitely). Improve soil health: increase soil organic matter, improve soil infiltration rates, increase soil organisms, soil tilth, and soil aggregates.
99-124	Nez Perce Tribe	Water Quality Monitoring- Nez Perce Tribe Property OR	\$18,701.10	Monitoring	Collection/monitoring of physical and chemical water quality and quantity data on 303 (d) listed streams (Joseph and Tamarack Creeks) and their associated tributaries to include: temperature, stream flow, pH, dissolved oxygen, and composition; width/depth ratios; quantification of large woody debris; linear length of habitat type (pool, riffle, run); streambank stability assessment including riparian cover. Additionally, anadromous fish surveys will be conducted on appropriate streams as well as sampling of macroinvertebrates. All permanent monitoring sites will be identified with the aid of Global Positioning Systems (GPS).
99-125	Wallowa County Public Works	Wildcat Creek Culvert Replacement	\$74,666.84	Restoration	The Wallupa Creek/Wildcat Creek Road (County Road #501) crosses the two streams five times with five sets of culverts. Wallupa Creek is a tributary to Wildcat Creek. Two Wallupa Creek culverts and the uppermost Wildcat Creek culvert have been converted to bottomless multi-plate arch culverts to aid in fish passage and to better carry high water. This project will complete another step in the overall project by replacing the lowest of two sets of culverts on Wildcat Creek. A single barrel bottomless arch culvert will be used to facilitate passage of adult and juvenile steelhead and bull trout, and juvenile Chinook salmon which may summer and overwinter in the watershed. The proposed arch culvert would be either anchored to the bedrock or have precast concrete footings to reduce the risk of scour as the culvert and road at this lower site has a history of being washed out. In contrast to an arch culvert, the existing double culverts are prone to debris blocking problems. While providing a natural channel bottom, this single barrel culvert would be sized to pass the 100-year storm.
99-181	Wallowa SWCD	Wallowa Cnty Monitoring Coordinator	\$5,200.00	Monitoring	This proposal requests money to fund a person to coordinate all of the water quality monitoring done by various agencies, schools and landowners in Wallowa County. This will include making sure all agencies use the same protocol that meets DEQ approval, use standardized equipment and use the same database for water quality data and site information. This coordinator will compile the data from all those doing monitoring and write an annual report summarizing the data, trends and identify factors that may effect the data. A summary will also be given to landowners/managers so they can use this information for their future management plans. The coordinator will set up the Wallowa County Water Monitoring Meetings to review data and sites and make plans for the next monitoring season.
99-181A	Wallowa SWCD	Wallowa Cnty Monitoring Coordinator	\$20,707.37	Monitoring	Same as 99-181. Change in fund source.
99-188	Wallowa SWCD	Tope & Whiskey Crk Riparian Enhancement Project	\$16,601.15	Restoration	Project implementation will result in the restoration, enhancement and protection of the North Fork of Whiskey Creek, Tope Creek and Bakke Meadows Wetland area. The project will enhance 2 sediment-producing ponds by cleaning, fencing and piping water to troughs and will develop 2 spring sites with large enclosure areas. 2.4 miles of road will be rocked, bladed and shaped and drainage will be significantly improved in these drainages. This project compliments many existing and on-going projects undertaken which have improved water quality, wildlife habitat and watershed health. Project implementation follows suggested actions in the Wallowa County/Nez Perce Tribe Salmon Recovery Plan.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Wallowa County</b>					
99-222	Wallowa SWCD	Wallowa County Healthy Forested Watershed	\$36,131.55	Restoration	Project implementation would result in the improvement of watershed conditions on NIPF lands throughout Wallowa County. Current requests are for 190 acres of pre-commercial thinning, 42 acres of tree planting and 2 acres of riparian enhancement. These projects are currently without funding due to shortfalls in the Stewardship Incentive Program and the forestry Incentive Program. Another \$15,000.00 in requests is anticipated by the end of the year based on preliminary requests made by individuals interested in cost/share programs, to develop stewardship plans and improve watershed conditions on their property and the needs and timelines in landowner management plans. Implementation of these projects will improve water quality, quantity and overall watershed health.
99-345	Wallowa SWCD	Rock Ck II Sediment Reduction & Rd Rehab	\$11,963.50	Restoration	Project implementation will result in the reduction of sediment delivery into the Wallowa River below the town of Wallowa at the confluence with Dry (Rock) Creek. Juvenile chinook salmon use the Wallowa mainstream, below where Dry Creek confluences with Rock Creek, until temperatures rise in the mid-summer. Steelhead use Dry/Rock Creek for spawning and rearing. Project implementation will improve water quality in this portion of the Wallowa River by abandoning 2,000' of road, improving drainage on 2.5 miles of road and building 600' of new road.
99-387	Wallowa Resources	Imnaha/Parks Ditch Water Conservation	\$122,000.00	Restoration	This project proposes to continue to secure instream water rights on a steelhead, trout, and salmon bearing stream; reduce municipal and irrigation water needs by promoting programs that improve delivery systems and put conserved water instream; encourage conservation efforts among municipal and agricultural water users. The Parks Ditch on the Imnaha River is approximately 7.34 cubic feet per second from the Imnaha River. This proposal is to put the Parks Ditch on the Imnaha River into a pipe in order to save the water that is now being lost and to keep it instream while providing a better water delivery system for the landowners. It will incorporate the possibility of a valuable and substantial instream water savings on the Imnaha River from the landowners diversion to the mouth of the river. The Department of Environmental Quality has listed this stretch of the Imnaha River on the 303(d) list for high summer temperature.
99-388	Wallowa SWCD - Hoy Carman	Carman Road Rocking	\$5,500.00	Restoration	This project intends to help reduce sediments in the Dry Creek Watershed by improving a stretch of road. The plans include: rock approximately 1300 feet of road to reduce erosion and sediment dumping into the creek, install 2 rock road dips to improve drainage of spring and excessive rain runoff, replace deteriorating wooden bridge with a rock ford, improve water quality, watershed health and function, and implement recommendations proposed in the Wallowa County / NPT Salmon Recovery Plan.
99-392	Wallowa SWCD	Dry Cr. Improvement - Mallory	\$3,181.61	Restoration	This project proposal is to install 1,950 ft. of fencing along 975 ft. of Dry Creek, shape to 2:1 slope approximately 1,000 ft. of exposed, vertical streambank, establish shrub and grass vegetation on 1,000 ft. of shaped streambanks, install rock crossing for livestock, and reduce sediments in Dry Creek and Wallowa River.
99-393	Wallowa SWCD	Murphy Irrigation Improvement/Lostine R.	\$13,321.53	Restoration	Project implementation will improve application of water used for irrigation on 40 acres near Lostine, Oregon. Project components include; a 10 hp pump, buried PVC pipeline to convey water from Poley Allen ditch, and sprinkler irrigation system. Benefits of the project include: Reduce amount of water diverted from Lostine River for irrigation, increase instream flows for fish passage, reduce sediment run-off from the fields and provides more uniform water distribution on field.

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Wallowa County</b>
99-394	Wallowa SWCD	Wallowa Co. Direct Seeding Incentive	\$39,532.50	Restoration	This project intends to demonstrate the applicability of direct seeding (no-till) cropland in Wallowa County. Reduce soil erosion rates on cropland to less than "T". ("T" is the maximum rate of soil erosion that will permit a high level of crop productivity to be sustained economically and indefinitely).	
99-582	Wallowa SWCD	Trout Creek Sediment Reduction & Road Rehabilitation	\$23,790.00	Restoration	Improve road near Trout Creek (Wallowa River Watershed) to reduce erosion and sedimentation in creek containing ESA-listed steelhead and rainbow trout.	
99-592	Wallowa SWCD	Rail Canyon Road Project	\$44,540.00	Restoration	Improve steep road to reduce delivery of sediment into the Wallowa River at its confluence with Whiskey Creek. This portion of the Wallowa River contains juvenile salmon and listed bull trout. Listed steelhead use Whiskey Creek for spawning.	
99-593	Wallowa SWCD	Wallowa County Stream Flow Gaging Stations	\$20,000.00	Monitoring	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.	
<b>Wallowa County Total</b>			<b>4,348,079.77</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
200-138	Wasco SWCD	Mosier Valley Soil Water Monitoring Demo	\$3,349.00	Restoration	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.
200-141	Wy'East RC&D	Demonstration to Reduce the Risk of Agriculture/The Dalles	\$69,867.00	Restoration	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.
201-209	Wasco SWCD	Butler Canyon Rock Quarry	\$6,680.00	Restoration	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 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.
201-360	Wasco SWCD	Bakeoven Watershed Project 2002-2003	\$63,824.00	Restoration	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.
201-361	Wasco SWCD	Wrentham Bioengineering Project	\$46,150.00	Restoration	This project proposes to rehabilitate an actively eroding stretch of Fifteenmile Creek using bioengineering, upstream barb and toe rock placement.
201-505	Wasco SWCD	Fifteenmile Best Management Practices 2002-2004	\$135,408.57	Restoration	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.
201-539	Wasco SWCD	Jordan Creek Riparian Restoration	\$13,351.13	Restoration	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.
201-553	Wasco SWCD	White River & The Dalles Assessments	\$79,984.13	Assessment	White River & The Dalles Assessments
201-657	Wasco SWCD	Temperature Assessment of Fifteenmile Creek	\$29,500.00	Monitoring	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
203-061	Chenoweth School Dist 9	H.S. Course: "Interpretive Strategies for Wise Use of NR"	\$26,516.00	Education	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.
203-063	Wy'East RC&D	Optimizing Irrigation Water Management/Cherry Orchards	\$80,000.00	Monitoring	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.
203-186	Wasco SWCD	Sheldon Ridge Fire Rehabilitation Project	\$35,498.46	Restoration	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.
203-187	Wasco SWCD	WeedSeeker Selective Spray Demonstration	\$28,000.00	Restoration	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.
203-189	Wasco SWCD	White River Fire Rehabilitation	\$46,549.66	Restoration	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.
204-048	Wasco Area WSCs	Wasco Area WSCs Support	\$17,073.17	Council Support	2003-05 Council Support for Bakeover, Fifteenmile, Mosier, The Dalles, White River
204-048A	Wasco Area WSCs	Wasco Area WSCs Support	\$52,926.83	Council Support	2003-05 Council Support for Bakeover, Fifteenmile, Mosier, The Dalles, White River
204-223	Wasco SWCD	North Wasco Co Direct Seed	\$74,406.00	Restoration	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.
204-225	Wasco SWCD	Buck Hollow Watershed Phase 8 - Final	\$72,987.00	Restoration	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.
204-229	Wasco SWCD	Dead Dog Canyon Resource Management System	\$93,201.00	Restoration	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.
204-230	Wasco SWCD	Shaniko Headwaters Resource Management System	\$30,086.00	Restoration	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.
204-304	Wasco SWCD	Automated Water Quality Monitoring in Buck Hollow Watershed	\$17,613.00	Monitoring	This proposal funds water quality and hydrologic monitoring in response to storm events. This information will help assess the effectiveness of restoration efforts at the watershed scale. OWEB funds will be used to purchase and install equipment (60%) and for technicians (40%).

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# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Wasco County</b>					
204-470	Wasco SWCD	CREP Tech Assistance (05-28-04 Bd Approved)	\$19,800.00	CREP Technical Assist	CREP Tech Assistance
205-050	Wasco SWCD	Hood-Deschutes Basin Direct Seed / No-till	\$84,149.00	Restoration	This project would continue to support landowner conversions to direct seed no-till systems in the Fifteenmile Creek subwatershed in Wasco County. Seven farms and 16 tracts of land would receive assistance. This practice maintains crop residue over the winter and reduces overland flow and erosion and sedimentation.
99-263	Wasco SWCD	No-till Drill Demonstration projects	\$59,820.00	Restoration	This application will support watershed education efforts in the White River and Juniper Flats area of southern Wasco County. Neighborhood meetings will be held in Winter 1999 - 2000 and interested residents and landowners will receive presentations on watershed values and efforts to protect watersheds in Oregon. Interest in formation of a watershed council will be gauged, and if there is sufficient interest, stakeholder groups will be identified and volunteers from the various groups will be sought. Wasco SWCD and Wasco County Watershed Coordinator will then assist in organization and development of this mission.
99-264	Wasco SWCD	Fifteenmile Watershed	\$95,031.58	Restoration	The project will implement best management practices on agricultural lands to reduce runoff and erosion and to improve water quality. Funds will be used to assist landowners to install terraces, sediment basins, grassed waterways, buffer and filter strips, range land and riparian management systems, seedings, tree planting, bioengineering, and converting from conventional wheat/fallow tillage practices to divided slope, field strip crop, and direct seed/no-till systems. The project will benefit the eastern most run of wild winter steelhead in the Columbia Basin, currently listed as threatened by National Marine Fisheries Service. It will also improve water quality on 303- (d) listed streams in the watershed, which include Fifteenmile, Eightmile and Ramsey Creeks.
99-265	Wasco & Sherman SWCDs	Buck Hollow Watershed Phase 7b	\$65,037.01	Restoration	This application represents the second half of phase 7 of a nine-phase cooperative, holistic watershed enhancement project geared toward improving watershed health, water quality, and fish habitat. It will restore proper watershed function, reduce runoff and erosion, lower peak flows, and increase late season flows. It will improve range management, range condition, upland and riparian habitat. Through a combination of vegetative and structural practices. The project will implement fencing, various land treatment practices, brush control, seeding, and riparian improvements using a variety of funding sources including local landowner cost share. Monitoring has been conducted since 1991 and will continue for five years after project completion.
99-547	Wasco SWCD	Fifteenmile Watershed Assessment	\$27,266.36	Assessment	Hire a Watershed Technical Specialist to produce a watershed assessment of Fifteenmile Creek based upon the Oregon Watershed Assessment Manual.
<b>Wasco County Total</b>			<b>1,374,074.90</b>		

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Washington County</b>					
200-009	Upper Nehalem WSC	Nehalem WS Health Equals Riparian Restoration	\$51,480.00	Restoration	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.
201-034	Tualatin River WSC	Tualatin River Watershed Council Support	\$37,898.97	Council Support	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
201-034A	Tualatin River WSC	Tualatin River Watershed Council Support	\$6,000.00	Council Support	Same as 201-034. Change in funding source.
201-034B	Tualatin River WSC	Tualatin River Watershed Council Support	\$35,520.51	Council Support	Same as 201-034. Change in funding source.
201-184	Ducks Unlimited Inc	Dinsdale Restoration Project	\$94,246.00	Restoration	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.
201-455	Tualatin SWCD/Tualatin WSC	Tualatin WS Non-point Source Pollution ED & Outreach	\$6,400.00	Education	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.
203-056	Portland State University	Student WS Research	\$42,031.00	Education	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.
203-152	Tualatin Riverkeepers	Banks Wetland Restoration	\$57,116.00	Restoration	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.
203-246	Tualatin SWCD	McFee Cr WS Project Implementation	\$38,564.00	Technical Assistance	McFee Cr WS Project Implementation
204-004	Upper/Lower Nehalem WSCs	Upper Nehalem Lower Nehalem WSCs Support	\$27,420.98	Council Support	2003-05 Council Support for Upper Nehalem, Lower Nehalem WSCs
204-004A	Upper/Lower Nehalem WSCs	Upper Nehalem Lower Nehalem WSCs Support	\$85,005.02	Council Support	2003-05 Council Support for Upper Nehalem, Lower Nehalem WSCs
204-004B	Upper/Lower Nehalem WSCs	Upper Nehalem Lower Nehalem WSCs Support (2001-03 C/O)	\$2,713.23	Council Support	2003-05 Council Support for Upper Nehalem, Lower Nehalem WSCs

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Washington County</b>					
204-004C	Upper/Lower Nehalem WSCs	Upper & Lower Nehalem WSCs Support (09-03 award)& 2-04	\$28,496.00	Council Support	2003-05 Council Support for Upper Nehalem, Lower Nehalem WSCs
204-037	Tualatin River WSC	Tualatin River WSC Support	\$17,073.17	Council Support	2003-05 Council Support for Tualation River WSC
204-037A	Tualatin River WSC	Tualatin River WSC Support	\$52,926.83	Council Support	2003-05 Council Support for Tualation River WSC
204-037B	Tualatin River WSC	Tualatin River WSC Support (2001-03 C/O)	\$2,580.52	Council Support	2003-05 Council Support for Tualation River WSC
204-118	Ducks Unlimited Inc	Upper Tualatin River Floodplain Restoration Phase I	\$150,000.00	Restoration	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.
204-271	Upper Nehalem WSC	Upper Nehalem Habitat Assessment	\$38,880.00	Monitoring	This proposal funds stream habitat and snorkel surveys for juvenile coho in the Upper Nehalem Watershed. The project would be a continuation of an overall assessment of stream habitat and coho distribution of the entire Nehalem basin, the lower portion of which was assessed in 2002. Information will be used to aid the watershed council in identifying and prioritizing potential habitat restoration areas. The assessment includes winter habitat surveys in approximately 86 miles in the upper Nehalem using ODFW survey protocols. This will supplement the 219 miles already habitat surveyed (primarily in the summer) by ODFW.
204-455	Raindrops to Refuge	R2R Watershed Education Program	\$10,000.00	Education	This resubmitted application proposes watershed education projects that are needed to educate Sherwood residents and others about the importance of watershed health in their community. The project includes hands-on demonstrations for homeowners on how to conserve and restore watershed function, workshops for homeowners and a person to help coordinate the activities. OWEB funding would be used for personnel (Project Coordinator-AmeriCorps), contracted services, equipment, production costs, and administration.
99-120	Tualatin SWCD	Tualatin River WS Council Coordinator	\$20,122.71	Council Support	This proposal continues support for the Tualatin River Watershed Council through employment of a Watershed Coordinator and associated operating costs for 24 months. The Coordinator will be fundamental in implementing enhancement and restoration projects specified in the recently approved Tualatin River Watershed Action Plan, conducting public awareness and community education programs, fostering communication among all interests within the watershed, and providing strong staff support essential to effective operation of a large, volunteer council.
99-120FF	Tualatin SWCD	Balance of 99-120 paid from FF-NOAA	\$46,711.05	Council Support	Summary in 99-120. Different funding source.
99-379	Tualatin SWCD	Interactive WS Tabletop Displays	\$5,421.00	Education	In the face of the recent Endangered Species Act listing, education about watershed issues, specifically the interrelated nature of industrial, agricultural, urban, forestry, and residential inputs are vitally important. This proposal would fund the purchase and use of an interactive watershed display with nonpoint source pollution, wetland, restoration, and ground water components. This display would be presented at 75 events over the next 18 months to students, farmers, community groups and the general public.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Washington County</b>
99-380	Tualatin SWCD	Stewardship Enhancement for Tualatin	\$39,729.71	Education	The district will continue to implement the Tualatin River Sub-basin Agricultural Water Quality Management Area Plan educating basin residents and monitoring the watershed for both problem conditions and for application of appropriate best management practices. The education efforts will be integrally targeted to locations, individuals and groups identified through the monitoring process as causing or having potential to cause water quality or habitat problems. The education component (public information, public outreach, and technical assistance to individuals and groups) will inform these targeted individuals as well as the larger group of basin residents of practices to apply which protect natural resources and of practices to avoid with potential to degrade water quality or fish habitat.	
99-380A	Tualatin SWCD	Stewardship Enhancement for Tualatin	\$15,568.04	Education	Summary in 99-380. Different funding source.	
99-381	Tualatin SWCD	Assessment of Mid.Tualatin-Rock Cr. & L.Tualatin	\$76,458.75	Assessment	Sixty-three percent of the Tualatin River sub-basin has been included in a watershed assessment. The assessment of the Middle Tualatin-Rock Creek and Lower Tualatin watersheds would cover the remaining 37% (265 square miles) of the sub-basin. This project would assist implementation of the Tualatin River Watershed Action Plan by centralizing watershed data, describing significant processes, identifying priority sub-watersheds for restoration efforts, and recommending actions designed to improve watershed health.	
99-383	Tualatin Riverkeepers	Tualatin Upper WS Restoration Ed. & Salmon Awareness	\$57,378.00	Education	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.	
<b>Washington County Total</b>			<b>1,045,741.49</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Wheeler County</b>					
200-165	Wheeler SWCD	West Branch WS Improvement Project	\$6,840.00	Restoration	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.
200-166	Wheeler SWCD	West Branch Juniper Control Project	\$8,995.00	Restoration	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.
201-050	Wheeler SWCD	Wheeler County Watershed Coordinator	\$37,600.00	Council Support	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.
201-050A	Wheeler SWCD	Wheeler County Watershed Coordinator	\$34,104.40	Council Support	Same as 201-050. Change in funding source.
201-253	Wheeler SWCD	Muleshoe Creek Juniper Control/Range Seeding	\$5,121.00	Restoration	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.
201-254	Wheeler SWCD	Pine Creek Steelhead habitat improvement design and cost	\$8,756.00	Restoration	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.
201-389	Wheeler SWCD	Service Creek Riparian Water Quality Improvement	\$64,860.00	Restoration	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.
201-540	Wheeler SWCD	Mountain Creek Watershed Enhancement Project	\$3,136.00	Restoration	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.
201-541	Wheeler SWCD	Gable Creek Ranch Riparian Improvement	\$68,800.00	Restoration	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.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Wheeler County
201-683	Wheeler SWCD	Bridge Cr Water Measuring Device Installations	\$5,212.00	Restoration	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%).	
201-684	Wheeler SWCD	Brooks - West Branch of Brdg Cr Diversion Improvement	\$57,693.00	Restoration	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.	
201-707	Wheeler SWCD	GI Ranch Bridge Creek Diversion Improvement	\$4,950.00	Restoration	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%).	
203-196	Wheeler SWCD	Habecker-Wade Fish Passage & Irrigation Improvement Project	\$34,250.00	Restoration	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.	
203-203	Grant SWCD	Mountain Cr Diversion Replacements	\$22,330.00	Restoration	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.	
203-206	Wheeler SWCD	Pine Cr Clarno Rd Fish Passage Restoration	\$25,135.00	Restoration	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.	
203-209	Wheeler SWCD	Service Cr Stock Watering Systems	\$26,420.00	Restoration	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.	
204-055	Wheeler SWCD	Wheeler SWCD Support	\$9,756.10	Council Support	2003-05 Council Support for Bridge Cr, Mid John Day, Wheeler Point	
204-055A	Wheeler SWCD	Wheeler SWCD Support	\$30,243.90	Council Support	2003-05 Council Support for Bridge Cr, Mid John Day, Wheeler Point	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	<b>Wheeler County</b>
204-055B	Wheeler SWCD	Wheeler SWCD Support (2001-03 C/O)	\$32,415.60	Council Support	2003-05 Council Support for Bridge Cr, Mid John Day, Wheeler Point	
204-259	Wheeler SWCD	Lillicrop Upland Stockwater	\$29,414.00	Restoration	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/trackhoe rental (10%), fencing (6%), materials/supplies/equipment (67%), mobilization (1%) and administration(6%). Cost-share partners include FSA, EQIP and the landowner.	
204-308	Wheeler SWCD	Butte Cr Watershed Assessment	\$84,535.00	Assessment	The assessment will characterize historical and current watershed conditions in Butte Creek basin comprising 120,000 acres. The assessment will identify specific opportunities and priorities for watershed restoration efforts and will be conducted by a contracted consultant with a technical advisory team representing various agencies providing oversight and information. OWEB funds are requested primarily for project management and contracted services. Other cost-share partners include NRCS, ODFW, Wheeler SWCD, WRD, ODF, Wheeler County Court, City of Fossil, and landowners.	
204-415	Wheeler SWCD	Hashknife Juniper Management	\$19,340.00	Restoration	Removing juniper on 110 acres in the upper reaches of Johnson Creek, a tributary of Bridge Creek near Mitchell would improve water quality and quantity in the John Day basin. Juniper slash will be incorporated into selected highly erodible ravines to help slow down erosion rates. OWEB funds are requested for technical oversight (8%), juniper removal (68%), native grass seed (15%), administration (8%), and monitoring (1%). Cost-share partners include NRCS, Wheeler SWCD, two landowners and Burnt Ranch.	
204-431	Wheeler SWCD	Pine Cr Culvert Replacement at Robinson Canyon	\$27,983.00	Restoration	An undersized fish-passage barrier culvert would be replaced with the appropriate sized bottomless-arch culvert to facilitate fish passage to over ten miles of spawning habitat for ESA-listed John Day steelhead near Clarno. OWEB previously funded engineering and provided funding for the downstream culvert. OWEB funds are requested for engineering/management (16%), contracted services-installation (59%), supplies/materials/culverts/rock/gravel (18%), and administration (7%). Cost-share partners include USFWS and CTWS.	
205-081	Wheeler SWCD	Hashknife Irrigation	\$37,585.00	Restoration	Located near Mitchell, a non-fish friendly seasonal diversion will be replaced with an infiltration gallery and an open 3,200' ditch will be converted to a 12" ADS pipe. A measuring flume will be installed for improved water management. Watershed benefits include improved water quality and quantity. OWEB funds are requested for engineering (11%), pipe/V-screen/materials (81%), administration (7%) and monitoring (1%). Cost-share partners include the landowner.	
205-088	Wheeler SWCD	Butte Cr Riparian Restoration	\$34,656.00	Restoration	Project components include replacing a push-up dam on Butte Creek with a fish-friendly diversion; replacing 4,800' of open-ditch with 2,600' of PVC; installing 4 off-channel watering developments designed for better upland forage utilization and incorporating ½ mile into CREP. Water quality, riparian health and fish habitat will be improved. OWEB funds are requested for engineering/project management (16%); contracted services (41%), supplies/materials/permits (34%) and administration (9%). Cost-share partners include ODFW, OWRD, CREP and the landowner.	
205-089	Wheeler SWCD	Pine Cr Prescription Fire For WS Restoration	\$56,228.00	Restoration	Wheeler SWCD will partner with CTWS and BLM to conduct a prescribed fire on 5,800 acres south of Highway 218 west of Fossil. Desired outcomes include controlling juniper, enhanced wildlife habitat and improved grassland vegetation. The project complements other on-going restoration efforts in the basin. OWEB funds are requested for project management (2%), helicopter time (25%), engines (68%) and administration (5%).	

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Wheeler County</b>					
205-091	Wheeler SWCD	Nelson Cr Diversion Replacement	\$59,615.00	Restoration	Located near Mitchell, this project replaces a gravel push-up dam with a lay-flat stanchion and converts an earthen ditch to 2,820' of pipe, which will be tied into 2,400' of mainline. Irrigation will be converted from flood to sprinkler. Implementation will improve water quality, reduce sediment loads and nutrient inputs and improve riparian conditions. OWEB funds are requested for engineering/project management (7%), contracted services/equipment rental (40%), materials (42%), mobilization/rental (9%) and administration (9%). Cost-share partners include NRCS and the landowner.
205-092	Wheeler SWCD	L Bridge Cr Diversion Improvement	\$34,561.00	Restoration	Located near Mitchell, this project replaces an existing gravel push-up dam, a barrier to fish passage on Bridge Creek, with an improved diversion structure. A trash rack, weed screen and ramp flume measuring device will also be installed. Watershed benefits include improved water quality, improved streambank stabilization and improved water management. OWEB funds are requested for engineering/project management (5%), contracted services/equipment rental (26%), materials (59%) and administration (9%) and monitoring (1%). Cost-share partners include BLM, OWRD and the landowner.
99-031	Wheeler SWCD	Wheeler Cty Watershed Council Coordinator	\$48,050.00	Council Support	Wheeler SWCD hired a watershed coordinator in June of 1998. He has reactivated the Wheeler Point Watershed Council, made contact and developed a working relationship with agency personnel and landowners of the area who are now beginning to look for projects to implement. He works closely with the North Fork John Day Watershed Council as well as the Tri-County Technical Specialist. He currently works with local citizens to identify resource issues and restoration opportunities in the area of Wheeler County devastated by the Wheeler Point Fire in 1996. He is also addressing the noxious weed problem as requested by the Bridge Creek Watershed Council. Implementation of the weed program will start in the spring of 1999. The coordinator will activate the Mid-John Day Watershed Council which will serve as an umbrella group for the other councils of Wheeler County.
99-031FF	Wheeler SWCD	Balance from 99-031 to FF-NOAA	\$51,393.00	Council Support	Summary in 99-031. Different funding source.
99-316	Wheeler SWCD	Kahler-Corncob Cr. Riparian Improvement	\$6,609.43	Restoration	Project implementation will reduce bank erosion, decrease sedimentation, increase riparian vegetation, decrease summer stream temperatures, increase late season flows, decrease peak flows, and increase habitat for anadromous fish as well as riparian dependant wildlife. This will be done through riparian fencing, riparian plantings, bioengineering (juniper rip rap) and removal of failed hard structures. The outcome of these projects will be increased bank stability, increased and healthier riparian vegetation, decreased solar radiation to the creek, decreased animal waste inputs and overall healthier riparian areas.
99-317	Wheeler SWCD	L. John Day Riparian Enclosure Phase 3	\$9,280.00	Restoration	This project implementation will reduce sediment delivery and animal waste inputs as well as improve water quality and riparian conditions for anadromous fisheries (ESA listed Chinook and Steelhead). Phase 3 plans to add an additional 2 miles of riparian fence along a BLM side draw, Dead Dog Creek. Also, an off river water development will be installed. The planned outcomes include improved riparian habitat, improved livestock distribution, decreased livestock trespass, increased diversity of riparian vegetation, and enhanced recreational experience for river users and a demonstration of volunteer efforts. Phase 1 & 2 partners included ODFW, landowners, CTWS, Salmon Corps, Oregon Trout, GWEB NRCS, BLM, and Wheeler SWCD.
99-604	Wheeler SWCD	Alder Creek Juniper Management Project	\$24,980.00	Restoration	Control juniper on 360 acres in Alder Creek, which contains ESA-listed summer steelhead.
99-605	Wheeler SWCD	Johnson Creek Watershed Enhancement Project	\$4,680.00	Restoration	Construct off-stream water source and fence riparian area to exclude livestock from section of Johnson Creek.

## Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Wheeler County
99-606	Wheeler SWCD	Mountain Creek Riparian Planting Project	\$1,910.00	Restoration	Plant native trees and shrubs on a reach of Mountain Creek that has been fenced since 1990.	
99-607	Wheeler SWCD	Parrish Creek Riparian Pasture Phase 2	\$9,479.13	Restoration	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.	
99-608	Wheeler SWCD	West Branch Creek Riparian Corridor Fencing Project	\$8,540.00	Restoration	Construct fence on approximately 1.75 mi. of Bridge Creek to exclude livestock from riparian area. Construct water gap.	
<b>Wheeler County Total</b>			<b>1,035,456.56</b>			

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Yamhill County</b>					
200-114	Confed Tribes of Grande Ronde	South Yamhill Road Stream Crossing Restoration	\$72,448.40	Restoration	The project will replace or remove seven culverts at stream-road crossings to improve fish passage and water quality.
200-114A	Confed Tribes of Grande Ronde	Balance of 200-114 from PGE Salmon Funds	\$15,395.60	Restoration	Same as 200-114. Salmon Friendly Funding
200-121	Yamhill SWCD	Friendsview Manor Riparian Restoration	\$9,500.00	Restoration	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.
200-233	Yamhill SWCD	Millican Creek Fish Passage Design	\$7,100.00	Technical Assistance	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.
201-029	Yamhill Basin WSC	Yamhill Basin WSC Support	\$40,500.00	Council Support	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.
201-029A	Yamhill Basin WSC	Yamhill Basin WSC Support	\$34,500.00	Council Support	Same as 201-029. Change in funding source.
201-029B	Yamhill Basin WSC	Yamhill Basin WSC Support	\$6,000.00	Council Support	Same as 201-029. Change in funding source.
201-170	Yamhill Basin WSC	Salt Creek & Upper South Yamhill Watershed Assess.	\$48,023.44	Assessment	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.
201-323	Yamhill Basin WSC	Yamhill Basin Watershed Action Plan & Outreach Project	\$41,107.00	Assessment	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.
203-035	Yamhill Basin WSC	Yamhill Basin Water Quality Monitoring	\$17,715.00	Monitoring	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
203-239	Yamhill SWCD	Baker Cr Fish Passage Design	\$50,514.00	Technical Assistance	Baker Cr Fish Passage Design

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary
<b>Yamhill County</b>					
204-039	Yamhill Basin WSC	Yamhill Basin Council Support	\$17,073.17	Council Support	2003-05 Council Support for Yamhill Basin Council
204-039A	Yamhill Basin WSC	Yamhill Basin Council Support	\$52,926.83	Council Support	2003-05 Council Support for Yamhill Basin Council
204-039B	Yamhill Basin WSC	Yamhill Basin Council Support (2001-03 C/O)	\$2,500.00	Council Support	2003-05 Council Support for Yamhill Basin Council
204-377	Yamhill SWCD	Eichler Wetland Restoration	\$72,044.00	Restoration	This project proposes to restore forested wetland habitat on a floodplain located adjacent to the South Yamhill River. The land is currently being managed for agriculture production. This restoration project can provide increased floodplain connectivity for flood control, reduce erosion and increase critical wetland habitat that benefits salmonids, forested waterfowl, native plants, and wildlife. OWEB funds would provide almost 50 percent of the restoration costs for contract work such as noxious weed control, site preparation, tree and shrub planting.
204-390	Yamhill SWCD	Sheldon/Holt Wetland Restoration	\$38,758.00	Restoration	This project proposes to restore land that is currently in agricultural production to a functioning, forested wetland habitat type along the South Yamhill River. The 56.5 acre site is located on the east floodplain of the South Yamhill River. The forested area will be planted to a mixed native wetland herbaceous cover to slow down invasion of Reed canary grass while the forest is established. The restored floodplain can provide critical wetland habitat during flooding for salmonids and forested waterfowl and reduce soil erosion. OWEB funds would provide close to 50 percent of the total restoration project. Funds would be used for contracted services and administration.
99-153	Yamhill Basin WSC	Yamhill Watershed Council Support	\$93,229.00	Council Support	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.
99-153FF	Yamhill Basin WSC	Yamhill Watershed Council Support	\$10,358.00	Council Support	Summary in 99-153. Different funding source.
99-362	City of Lafayette	Henry Cr. WS Mgt. & Monitoring	\$22,000.00	Assessment	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.
99-364	Dayton High School FFA	Palmer Cr. Nature Trail	\$18,460.34	Education	This project proposes to develop a comprehensive project that students and adults can work on together to learn more about watersheds and develop a trail that can be used for many years in the future. The applicant plans to build a 2-mile nature trail along the lower reaches of Palmer Creek. This trail and surrounding area will be used to carry out water monitoring studies of Palmer Creek, and learn about native plants and trees. Invasive species will be removed and native plants will be planted to restore the conditions of the area and decrease the sediments reaching the creek. We will also install large trail head signs and informational signs along the trail for education and publicity of the project.

# Oregon Watershed Enhancement Board Grants by County July 1999 - March 2005

Project #	Grantee	Project Name	Amount	Project Type	Project Summary	Yamhill County
99-532	Yamhill Basin WSC	Yamhill Basin Watershed Assessment Project	\$40,777.00	Assessment	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.	
99-533	Yamhill SWCD	Yamhill County Roadside Area Management Project	\$33,457.00	Restoration	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.	
<b>Yamhill County Total</b>			<b>744,386.78</b>			