

2008

Partnership for the Umpqua Rivers



# Annual Report



## DIRECTORS

**Amy Amoroso**, President  
*Cow Creek Band of Umpqua Tribe of Indians*

**Mark Kincaid**  
*Lone Rock Timber Co*

**Jan Tetreault**,  
*Tree Toad Native Plant Nursery*

**Dave Russel**  
*Roseburg Resources Co.*

**Chuck Schnautz**, Treasurer  
*Umpqua Watersheds, Inc.*

**Bill Rice**  
*Douglas Small Woodlands*

**Stanley Petrowski**  
*Agriculture and Livestock*

**Ed Frankenstein**  
*Umpqua Fishermen's Assn.*

**Carol Whipple**  
*Rocking C Ranch*

**David Parker**  
*Conservation*

**Ken Ferguson**  
*Steamboaters*

**Richard Chasm**  
*Lookingglass Olalla Water Control District*

**Russ Lyon**, Secretary  
*Rancher - Days Creek*

**Blair Nash**  
*Sutherland Water Control District*

**Rich Grost**  
*PacifiCorp*

**Tom Manton**  
*Douglas County*

**Alan Bunce**  
*Tyee Landowner*

## STAFF

**Bob Kinyon**  
Executive Director

**Terry Luecker**  
Planner

**Eric Riley**  
Wetland Project Manager

**Sandy Lyon**  
Monitoring Coordinator

**Debbie Thornton**  
Fiscal & Data Manager

## President's Perspective

What an honor it has been to serve as President this past year and witness the organizational move at lightning speed past the organizational name change, and term limit bylaw amendments passed during Jake Gibbs' presidency. With two-thirds of our board as first term members it was an enthusiastic year, with needed discussions, and timely work.

Some highlights from this landmark year are: the first ever strategic plan developed and approved by the board, the Western Oregon Lamprey Conference was managed by the staff, the one year anniversary for our Estuary Project outreach, and a record year of fund-raising.

These accomplishments, and so many more, can be attributed to our dedicated staff and board.

The future of the Partnership for the Umpqua Rivers is bright. In the next year, we will be implementing the strategic plan, which includes more expanded outreach to our community of Douglas County. There are many who already know of our work and success, yet so many still to be reached.

The fish continue to bring us together. It never ceases to amaze me how such a diverse board representing divergent spectrums of our community come together around fish and make consensus based decisions.

Consensus is hard to reach, but somehow we are able to find it. The whole is greater than the sum of our parts.

Thank you for this opportunity to serve for another year.

Sincerely,



Amy Amoroso,  
President

## From the Director's Chair

In retrospect, my past 11 years as the executive director of the watershed council has been a dream come true.

I always wanted a job where the funding was secure, there was little risk or stress, and the mission and vision was crystal clear. Sadly, many of my peers burned out and went on to other endeavors because they could not realize these ideals.

Being an optimist by nature, I stuck with it because I always knew the potential. Thankfully, the council boards over the years have been supportive and enthusiastic.

Our employees have worked long term with little turnover. The current staff is high-functioning, motivated, self-reliant, (and all know and execute their jobs well.) We have also been aggressive in utilizing the services of contractors to do specialized or limited-duration projects.

This has been our busiest grant writing year yet. The staff turned out 49 applications this fiscal year totaling 3.9 million dollars.

Aside from the standard proposals for restoration project work, we submitted applications to fund education, water quality monitoring, a lamprey study and design and construction of the Rock Creek hatchery fish ladder.

The funding will continue to be "soft money", the stress and risk will always be present, but it can be managed.

The vision is clear for the next three years because we now have a strategic plan.

Thanks to the board, staff and members for your continued support.



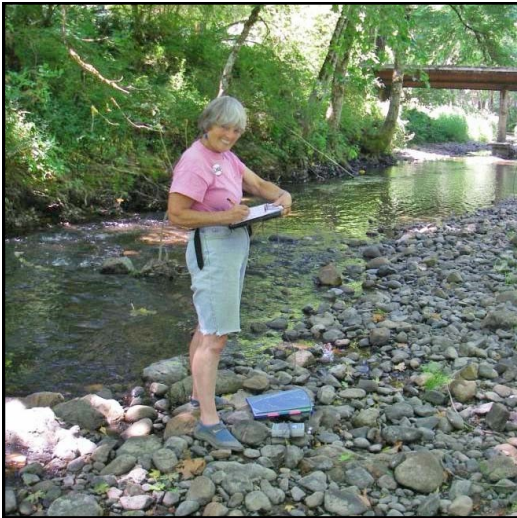
Bob Kinyon,  
Executive Director



l-r: Claude Sterling, Bill Rice, Don Ollivant, Richard Chasm, David Parker, Rich Grost, Carol Whipple, Debbie Thornton, Amy Amoroso, Alan Bunce, Tom Manton, Blair Nash, Mark Kinkaid, Ed Frankenstein, Dave Russel, John Schaefer, Stan Petrowski, Bob Kinyon, Terry Luecker and Eric Riley.

# Aquatic Monitoring

## Assessing Stream Health and Project Successes



Volunteer extraordinaire M.A. Hansen recording water quality data on S. Myrtle Creek

From traipsing through snow high up at Diamond Lake, to deploying temperature loggers in the estuary, we gathered a variety of monitoring data, and shared our results with partners to help improve stream conditions. Volunteers are our most valuable partners, helping us collect and record stream conditions.

### **Tracking Lake Conditions**

The winter after ODFW implemented their plan to rid Diamond Lake of tui chub, we sampled water quality to help measure the success of that program.

Working again with ODFW, we monitored summer water quality at three high elevation lakes.

### **New Water Quality Equipment**

In late spring, we deployed 56 temperature logging devices to monitor stream temperature trends in the South, Middle, and Lower Umpqua basins, as well as in Myrtle Creek.

We also began a more sophisticated water quality monitoring collection technique last year, using a device known as a Sonde: measuring temperature, conductivity, dissolved oxygen, turbidity, nitrate, pH, depth and barometric pressure simultaneously.

### **Effectiveness Monitoring**

To determine the long-term success of restoration projects, we began a long-term extensive stream temperature monitoring and channel cross-section analysis effort in the Wolf Creek watershed. Beginning last summer we started several years of focused restoration in that watershed. With pre-restoration under our belts, we will be in the position of being able to assess how the restoration affects stream temperature and monitor changes in bottom composition. In future years, we intend to undertake additional monitoring projects of this type.

### **Planning for the Future**

With the expansion of our monitoring program, the Council decided to create a monitoring plan so we can be strategic about our future monitoring choices.

### **Fish Monitoring with ODF&W**

For the past couple of summers we have hired seasonal workers to monitor fish populations in basin streams, under the supervision of the Oregon Dept. of Fish & Wildlife. Our crews undertook stream surveys, maintained 5 rotary screw traps, and snorkeled streams in wetsuits. Through these activities, fish lengths and species were recorded. By comparing this data from year to year, we can estimate the changes in fish populations.



Monitoring at Diamond Lake. L to R: Kris Lyon—PUR, Paul Heberling—DEQ, Mikeal Jones—USFS

## Grant Funders

- Oregon Watershed Enhancement Board
- Bureau of Land Management/ Title II
- Oregon Dept. of Environmental Quality
- Douglas Timber Operators (DERBY Grants Program)
- The Nature Conservancy
- Pacificorp
- Meyer Memorial Trust
- Autzen Foundation

## Project Partners

- Oregon Dept. of Fish & Wildlife
- Oregon Dept. of Env'l Quality
- U.S. Forest Service
- U.S. Bureau of Land Management
- Douglas County
- Douglas SWCD

## Business Members and Donors

### At the \$100 Membership Level:

- C & D Lumber Company
- Douglas County
- Pacificorp.
- Port of Umpqua
- Rocking C Ranch
- Silver Butte Timber Company
- TMS
- U.S. Bureau of Land Management
- U.S. Forest Service

### At the \$500 Level:

- Cow Creek Band of Umpqua Tribe of Indians
- Douglas County Timber Operators
- Premier West Bank

### At the \$1,000+ Level:

- Lone Rock Timber Company
- Roseburg Resources Company
- Seneca Jones Timber Company
- Paul Utz

## Multi-Year Projects: A Strategic Approach to Restoration

There's nothing that breeds success like success. Like-minded individuals and organizations often learn about a restoration project after it's begun. And existing partners get so excited, they ask if we can keep going.

This momentum helps us raise additional funds to keep going, or helps us identify new restoration sites on which to spend existing funds if we get a price break and have money left over.

This is exactly what happened on both Yellow Creek and Martin Creek.

Following the 2006 restoration season, we had extra large logs and a bit of cash left over. We converted that to new structures last summer.

This multi-year strategy also helps us tackle larger-scale projects into manageable pieces. Take the ongoing Weaver Creek project, for example.

After installing livestock exclusion fencing and an off-channel watering system, we're now ready to improve the instream habitat with the addition of large wood structures.

For the next step, we've chosen a four-year plan to restore a variety of sites on Wolf Creek, taking a whole-basin approach. On-the-ground activities are scheduled for the '08 and '09 season. The result? Cleaner water and improved habitat.

# Stream Restoration

## Long-term Improvements in Fish Habitat

### *Little Tom Folley Creek*

There's nothing little about the restoration project on Little Tom Folley Creek. During summer 2007, contractors placed 1,850 Boulders at 28 sites in the 4-mile project reach. Yes, that's nearly 2,000 boulders, and each helps to break up the flow to slow the velocity for coho, steelhead, cutthroat trout and other species that use this stream.

During the previous summer, 100 logs were placed at 17 sites in the same reach. Last winter, trees were planted in the riparian area to insure future large wood for this stream.

Biologists from the Oregon Dept. of Fish & Wildlife, ODFW, and the Bureau of Land Management, BLM, designed this project.

We also partnered with Seneca Jones Timber Company (SJTC) to replace an undersized culvert with a prefabricated bridge downstream of the structure placement project.

Little Tom Folley Creek is a tributary to Elk Creek, and the project spanned riparian areas owned by the SJTC, and public land managed by the BLM.

Funders: OWEB, Roseburg BLM/Title II, Douglas Timber Operators (Derby Grant Program)

Total Project Cost: \$165,506

### *Paradise Creek*



*Above: Contractor Gary Rundell placing boulders in Little Tom Folley Creek*



*Above: Pulling riparian trees into Paradise Crk.*

Remote and rugged landscapes require different methods to move wood to the streams. Paradise Creek in the Elkton area is a perfect example.

Logs from BLM fire ponds and from Roseburg Resource Company culls and a seed orchard were assembled in decks.

Columbia helicopter then carried these logs to Paradise Creek and dropped them in place.

To add complexity to this mix, and to add trees with rootwads attached—as Nature would have placed them, we hired a contractor to pull riparian trees into the stream.

2007 was the second and final year of this project in which:

- 907 logs
- 600 boulders
- 900 tons of spawning gravel

were added to this creek to make it one paradise of a habitat for the coho salmon and steelhead trout that are found throughout the basin. Chinook salmon and resident cutthroat trout are found in part of the project area, and will also benefit.

The public, industrial, and private individual landowners were key to the project success: Coos BLM, Roseburg Resources Company, and Bill & Joan Arsenault.

Funders: OWEB, Coos Bay BLM/Title II  
Total Project Cost: \$612,525

# Stream Restoration

## Reducing Barriers to Fish Passage

Fisheries science has advanced significantly since many existing culverts were installed decades ago. We now know that culverts that are angled too steeply or have large drops at the outlet can prevent fish from moving freely upstream and downstream.

If the stream is narrow enough, the best solution is sometimes to replace the culvert with a small bridge.

During the past year, PUR replaced 3 culverts with railcar bridges on Reding, Letitia, and Buck Fork Creeks. The resulting natural flow environment is a big improvement in fish passage.

On Olalla, Fate, and Norton Creeks, new railcar bridges solved a different problem. At sites on these three creeks, concentrated livestock crossings resulted in eroded streambanks and lower water quality. By fencing the livestock out of the riparian area and providing them with



*Above: Railcar Bridge installed over Olalla Creek*

safe crossings, several problems were solved simultaneously.

Funders: OWEB, private donation, DERBY and the BLM / Roseburg RAC.

Total project cost: \$240,253

## Focus on the Estuary

The Umpqua estuary in the Reedsport area provides critical habitat for coho and chinook salmon. In 2007, with an OWEB technical assistance grant, PUR hired Eric Riley to start a program to focus on restoring the estuary.

One year later, we have begun an ambitious project in the tidally-influenced riparian areas of Dean Creek. In the fall of 2008, large wood will be lowered into the creek by helicopter on the properties of two private landowners.



*Above: Eric Riley designing a wetland restoration project on Dean Creek.*

*Below: Future log placement site on Harvey Creek*



After a few coffee klatches with riparian landowners, we have many willing participants and several more projects in the planning stages for 2009 and 2010 on Harvey, Charlotte, and upper Dean Creeks.

The City of Reedsport, Port of Umpqua, Menasha Timber Company, Roseburg Resources, ODF&W, Oregon Dept. of Forestry, and many landowners are working with PUR to make this new program a success.

## *PUR Members* *(donation of \$20 or more)*

Arsenault, Wm & Joan  
Baker, Dave  
Baumgartner, Richard  
Beeby, Dick  
Buchholz, Todd  
Bunce, Alan  
Cangie, Vic  
Clifford, Sandy  
Denise & Dan Dammann  
Dollar, Floyd  
Ettelt, Harold  
Freadman, Alex  
Geyer, Nancy & Eric  
Hadley, Neal  
Hansen, M.A.  
Hartmann, Robin  
Heberling, Paul  
Hennagir, Denzil & Cheryl  
Hillman, Bill  
Huebner, Stan & Diane  
Lightcap, Scott  
Long, Jim  
Lyon, Russ  
McEnroe, Jeffrey  
McKinney, Dan & Tina  
Meerzo, Carol  
Naapi, Leo  
Nash, Blair  
Nichols, Bob  
Ollivant, Don  
Olmstead, Pat  
Panner, Kathy/Leonard  
Gondek  
Petrowski, Stanley  
Rice, Bill  
Schussel, Lenny  
Shepherd, Rick  
Sommer, Richard  
Sterling, Claude  
Stonerod, Paula  
Tetrault, Jan  
Town, William & Sally  
Umpqua SWCD  
Umpqua Watershed, Inc.  
Utter, Bill  
Vejtasa, Stan  
Walters, Jay  
Winn, Jake  
Wolfe, Robert  
Zenor, R. Douglas

## Strategic Planning

With changes in the funding environment looming, and a desire to select projects more strategically, PUR undertook its first-ever full-blown strategic planning effort.

Facilitated and written by Newberry Watershed Consulting, PUR's entire board and staff, as well as key agency partners, joined in to make the plan successful.

We began with a self-assessment to determine the key issues. Our consultant then assessed our operating procedures and offered suggestions for improvement.

After six meetings, we then identified goals and objectives for 2008-2011, as well as key strategies and point people who will help us achieve those objectives.

The final plan defines five goals, which are further subdivided into 24 objectives. The goals are:

- **Maintain and Build a Vibrant Organization**
- **Improve Water Quality and Fish Populations**
- **Monitor Aquatic Conditions**
- **Increase community education and appreciation of watershed processes**
- **Increase awareness of PUR and its activities in the community**

To read the full strategic plan, please download it from our website,

[www.umpquarivers.org](http://www.umpquarivers.org)

# Education & Outreach

## Using Technology and Good Old Coffee Klatches To Spread the Word

### Using the Web

Last spring, we contracted with Creative Images to upgrade our website. Once a repository of basic information on PUR, the site is now much more interactive and targeted to many types of users. Council members have a special login section to access confidential files. Contractors can download drawings and full specs for Requests for Proposals so they don't have to pay for the full printed package. A new calendar section is available. Project reports and before/after photo pairs are being added.

### Umpqua Explorer

Quick access to spatial data is fast becoming the norm in our industry. We partnered with Oregon State University and Institute for Natural Resources to make a variety of maps available on the web to all interested parties. In a simple 3-step process, web users can create custom maps of the watershed.

We are in the process of making a variety of photos and monitoring data available on this website. Currently water quality and temperature data from many agencies is available for downloading.

Resources for K-12 teachers and students is also available.

### County Fair—Fish Toss

Learning about fish passage can be entertaining—with a little planning! PUR set up a booth at the Douglas County fair and invited people to toss rubber fish into a culvert for a chance at prizes.

While the toss is in progress, the PUR team talked to the tossers about fish passage. As you might expect, this booth was most popular with those under 13 years of age.

### Lamprey Workshop

More than 140 scientists, managers, educators, and aquatic advocates attended the two-day Western Oregon Lamprey Workshop, organized by PUR.

This event was sponsored by the Cow Creek Band of the Umpqua Tribe of Indians, Oregon Dept. of Fish & Wildlife, and the U.S. Fish & Wildlife Service.

The latest research and monitoring protocols, along with tribal perspectives and grant opportunities, were covered at this workshop, which included a field visit to the Winchester dam.

### Coho Listing Meeting

When the National Marine Fisheries Service re-listed the Coastal Coho salmon as a threatened species, PUR held a public meeting to help county residents understand the potential impact.

At a June meeting at the Douglas County library 43 people listened to experts from Douglas County, US Forest Service, and OSU Extension talk about the ecological and legal ramifications of this decision.

### Hinkle Creek Tour

OSU professor Arne Skaugset has begun a paired watershed study in Hinkle Creek with landowner Roseburg Resources Company. PUR facilitated a public tour to kick off this project in which the impacts of a harvested watershed will be compared with those in an unharvested watershed.



Above: Hinkle Creek Tour

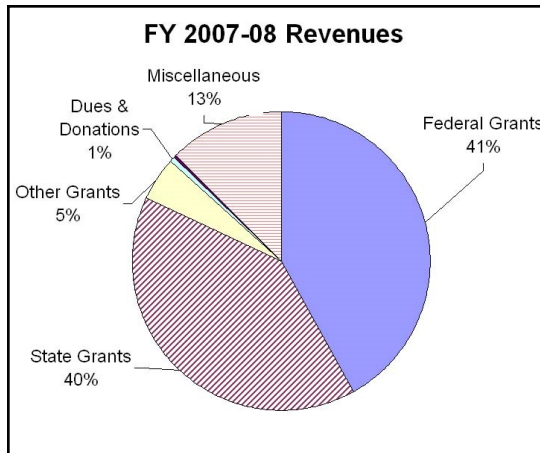
Fourteen people attended the tour.

# Financial Summary

## A Year of Growth

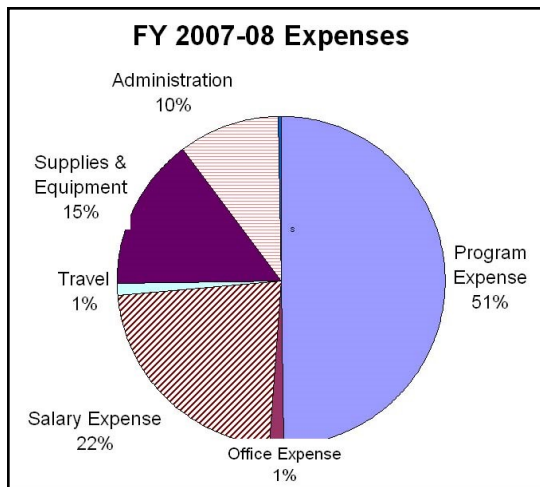
### Revenues

Federal Grants	\$	591,548
State Grants	\$	560,358
Other Grants	\$	68,439
<b>Total Grants</b>	\$	<b>1,220,346</b>
Dues & Donations	\$	8,794
Interest	\$	440
Miscellaneous	\$	9,254
<b>Total Revenue</b>	\$	<b>1,238,833</b>



### Expenses

Program Expense	\$	818,550
Office Expense	\$	24,450
Salary Expense	\$	369,580
Travel	\$	16,160
Supplies & Equipment	\$	245,191
Administration	\$	168,149
Other	\$	3,221
<b>Total Expenses</b>	\$	<b>1,645,301</b>



Funds Carried Over From The Previous Year	\$	406,468
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### The Fish Derby

Each year, anglers from around the country gather in February for the Umpqua Fisheries Enhancement Derby. Organized and sponsored by the Douglas Timber Operators (DTO), this weekend event is a fundraiser for stream restoration in the Umpqua Basin.

Anglers pay a fee to enter the "Big Fish" contest. A special fishing clinic is held, and the weekend culminates in a banquet.

The DTO accepts small grant applications for a variety of stream restoration projects and awards them based on merit, according to the amount of money raised.

This past fiscal year, PUR was the recipient of DERBY grants totaling \$43,000. These grants provide valuable matching funds that leverage funding from other sources. The names of these grants are:

- Dean Creek Wetland Restoration
- Deer Creek Fish Passage
- Jordan/Alder Creek Fish Passage
- Letitia Creek Fish Passage
- Myrtle Creek Instream
- Norton Creek Livestock Crossing
- Olalla Creek Livestock Crossing
- Peavine Creek Fish Passage
- Poole Creek Culvert Replacement
- Stouts Creek Fish Passage

### New Grants, FY0708

Grant Name	Amount	Grantor
Lutsinger Creek Stream Enhancement	\$ 73,360	BLM
Umpqua River Tidal Wetland Restoration Development Project HAA081016	\$ 138,070	BLM
13 Small Grants from the Umpqua Fisheries Enhancement Derby	\$ 31,850	DTO
Jackson Creek Phase II	\$ 50,000	Ecotrust
Upper S. Umpqua Phase II	\$ 48,000	Ecotrust
Black Canyon Creek Instream Project	\$ 98,000	OWEB
Council Support 07-09	\$ 93,740	OWEB
PUR Fish Passage October 2007	\$ 403,915	OWEB
PUR Monitoring	\$ 104,818	OWEB
PUR Restoration	\$ 311,782	OWEB
Rock Creek Hatchery Fish Passage	\$ 683,482	OWEB
Upper South Umpqua life Cycle Monitoring	\$ 11,856	OWEB
<b>Total</b>	<b>\$ 2,048,873</b>	

The Partnership for the Umpqua Rivers is a 501 (c)(3) non-profit organization founded in 1993 and located in Roseburg, Oregon. We are an Oregon Watershed Council.

### **Our Mission:**

Through collaboration with diverse participants, the Partnership for the Umpqua Rivers maintains and improves water quality & fish populations from source to sea in the streams of the Umpqua.

We educate people about the value of healthy streams; we work with willing landowners to improve stream conditions; we monitor the health of the streams and their fish populations.

Through these actions the Partnership contributes to the ecological and economic well-being of the basin.

*To learn more about the Partnership for the Umpqua Rivers, please contact us at:*

*[www.Umpquarivers.org](http://www.Umpquarivers.org)*

*1758 N.E. Airport Road Roseburg, OR 97470 Phone: (541) 673-5756*

We hold Council Meetings on the 3rd Tuesday of the month at the Roseburg office of the Oregon Department of Fish & Wildlife on North Umpqua Hwy. Please join us.

Partnership for the Umpqua Rivers  
1758 N.E. Airport Road  
Roseburg, OR 97470