Dr. P.R. Needham
Director of Fisheries, Oregon State Game Commission, 1947

“The Rogue River is the most important fishing stream for salmon and steelhead trout in the state of Oregon, if not on the entire Pacific Coast.”
Unique Constraints

- **Schedule** – 1 year for design, permitting and removal
Design & Permits

2007
Aug  Sep  Oct  Nov  Dec  Jan  Feb  Mar  Apr  May  Jun  Jul  Aug

2008

Contract Awarded

In water work 6/15–8/31
Interagency Team

- Oregon Department of State Lands
- US Army Corps of Engineers
- Oregon Fish & Wildlife
- DEQ
- Rogue Valley Council of Governments
- Gold Hill, Oregon
- U.S. Fish & Wildlife Service
- River Design Group, Inc.
Interagency Team Meetings

- Preview of documents
- Discuss project approach
- Trust building
- Transparency – River Ethic
Interagency Team Success

Gold Ray Dam
Unique Constraints

- **Schedule** – 1 year for design, permitting and removal

- **Public Access** – Daily guided rafting trips over the dam, gold seekers
Unique Constraints

- **Schedule** – 1 year for design, permitting and removal
- **Public Access** – Daily guided rafting trips over the dam
- **Fish Passage** – Existing facilities barely worked
Phase 1 Dam Removal
Phase 1 Fish Passage
Phase 1 Boat Passage
Construction Techniques

6 FEET
Bulk Bag Advantages

- Filled with native river material
- Fabric is deformable to river bottom
- Easy to install and remove
- Minimal disturbance to aquatic organisms
Construction Techniques
Construction Techniques
Phase 2 Dam Remo...

Phase 2 Fish Passage and Boat Passage

Phase 2 Dam Removal
Project Partners

$1.3 million for design, permitting, dam removal
Conclusions

- Interagency team process helped meet difficult timeframe
- Innovative construction techniques minimized potential impacts
- Potential conflicts were turned into public relations opportunities