

3:45 - 4:15 P.M.

PROTECTION AND ACQUISITION

Room B

Panel Discussion: Acquisition Projects from A to Z (continued)

Panel discussion continues.

HABITAT RESTORATION

Room C

Managing a Complex Levee Setback Project

Dan Wrye  
Pierce County Water Programs

Dan Wrye will discuss the challenges and accomplishments of reconstructing a section of a major river levee to reconnect the river with its floodplain. This presentation will include discussion of acquiring property, managing the expectations of local governments, sustaining momentum on multi-year projects, demonstrating multiple benefits, permitting, coordinating funding, getting public support, and constructing during record rainfall. The project resulted in the addition of 67 acres of floodplain to the Puyallup River system and already is providing off-channel habitat for migrating salmon.

NEARSHORE AND ESTUARY

Room F

Nearshore Restoration, Sediment Transport, and Effectiveness Monitoring

Scott Thomas  
City of Burien

Scott Thomas will talk about Burien's project to restore nearshore habitat conditions and functions to a 1,000-foot section of Puget Sound shoreline at Seahurst Park. The project included removing a failing gabion seawall, restoring natural beach slopes and elevations, recruiting sediment, placing large woody debris, and planting native vegetation. The City partnered with the U.S. Army Corps of Engineers for this shoreline restoration, which was recommended in a shoreline habitat alternatives analysis funded by the Salmon Recovery Funding Board. Now the shoreline features are uniformly favorable for salmon and the organisms they depend on, particularly forage fish. Mr. Thomas is leading the effort to monitor the changes.

FISH PASSAGE AND SCREENING

Room E

Dogfish Creek Estuary Restoration: Building a Bridge and a Park for Salmon and People

Paul Dorn  
Suquamish Tribe

The Dogfish Creek estuary restoration involved two Salmon Recovery Funding Board grants, one to replace a culvert and one for habitat acquisition. Both projects were in the center of Poulsbo, which was the project sponsor. The projects involved a collaborative partnership with the Suquamish Tribe and successfully restored physical and biological processes to the upper Dogfish Creek-Liberty Bay estuary. Challenges included maximizing the benefits of multiple funding sources on a landscape altered from historic condition while accommodating passive public access for fish and wildlife viewing. The bridge was constructed on Poulsbo's busiest street with every utility that services a modern city buried below its asphalt. The projects were completed on time and under budget. The community has embraced enthusiastically this ongoing habitat restoration.

SHERATON TACOMA HOTEL

APRIL 26, 2007

Building Better Projects



HABITAT CONFERENCE  
Salmon Recovery Funding Board

HABITAT RESTORATION  
PROTECTION AND ACQUISITION  
FISH PASSAGE AND SCREENING  
NEARSHORE AND ESTUARY

7:30 - 8:30 A. M. REGISTRATION EXHIBITS NETWORKING

**EXHIBITS**

Big R Manufacturing, LLC  
 Columbia River Intertribal Fish Commission  
 Family Forest Fish Passage Program  
 Good Nature Publishing Company  
 Grant County Public Utility District  
 Lummi Indian Business Council  
 National Oceanic and Atmospheric Administration (NOAA) Restoration Center  
 Northern Star Natural Gas  
 PACE Engineers, Inc.  
 Salmon Recovery Funding Board
 

- Billing Demonstration
- PRISM 2007 Demonstration

 South Puget Sound Salmon Enhancement Group  
 Stewardship Partners  
 Stillaguamish Tribe  
 U.S.D.A. Forest Service  
 Washington Department of Fish and Wildlife
 

- Aquatic Habitat Guidelines
- Habitat Work Schedule System

 Washington Rivers Conservancy  
 Washington State Conservation Commission  
 Watershed Resource Inventory Area 9 Salmon Habitat Recovery



William D. Ruckelshaus, Chair, Seattle  
 Frank L. "Larry" Cassidy, Jr., Vancouver  
 Joe Ryan, Seattle  
 Steve Tharinger, Clallam County  
 David Troutt, Dupont  
 Conservation Commission  
 Department of Ecology  
 Department of Fish and Wildlife  
 Department of Natural Resources  
 Department of Transportation

WELCOME!

*Building Better Projects* is the first conference for Salmon Recovery Funding Board grant applicants. Since 2000, the Salmon Recovery Funding Board has awarded more than \$171 million in grants for 731 projects in 30 of Washington's 39 counties. Grant applicants have contributed another nearly \$101 million, bringing the total investment to \$272 million.

With that funding, you've made a difference.

- You have removed more than 200 barriers to fish passage, opening up more than 900 miles of new habitat.
- You have planted riverbanks, removed roads to reduce the amount of habitat-destroying sediment entering streams, and removed invasive plants.
- You have improved nearly 400 miles of river and more than 7,200 acres of estuaries, wetlands, and riparian areas to create healthier habitats for endangered salmon and bull trout.
- You have conserved water so more is left in the rivers for fish.
- You have protected more than 16,000 acres of quality habitat.

Today, we celebrate your success and gather together to learn from one another. Workshops, panel discussions, and displays have been designed with a "lessons learned" approach to sharing successful projects. The schedule includes breaks and opportunities for you to meet your peers, hear their stories, and share information on how to make projects easier, faster, and more efficient in future years.

**SPECIAL THANKS**  
*Thurston Conservation District and Washington Department of Natural Resources Webster's Nursery for donating plants for table decorations.*

3 - 3:30 P.M.

PROTECTION AND ACQUISITION		
Room B	Panel Discussion: Acquisition Projects from A to Z (continued)  Moderator: Marc Duboiski Salmon Recovery Funding Board	Panel discussion continues.
HABITAT RESTORATION		
Room C	Using Habitat Assessments to Target Restoration Actions  Alan Soicher Nooksack Tribe  Mike Maudlin Lummi Nation	Together the Lummi Nation and Nooksack Tribe have spearheaded habitat assessments in the Nooksack basin to identify high priority actions and locations for implementing habitat restoration projects. In cooperation with their recovery partners, they have accomplished a suite of projects including levee setback and installation of logs and logjams in the south fork of the Nooksack River, the basin's highest priority geographic area for early Chinook recovery.
NEARSHORE AND ESTUARY		
Room F	Nisqually Estuary: Complexities of a Large-Scale Restoration  Jeannette Dorner Nisqually Tribe	The Nisqually Tribe is committed to restoring natural estuarine functions on its land. Salmon Recovery Program Manager Jeanette Dorner will take us on a virtual journey in the Nisqually Delta to look at historic estuarine conditions and the multiple restoration efforts toward recovery to a more natural state. Much of the diked pasture was returned to its original estuarine condition by removing and setting back dikes, thus increasing the salt marsh habitat in the estuary. Ms. Dorner will share the complexities of this large-scale restoration effort, including the many people involved in the process.
FISH PASSAGE AND SCREENING		
Room E	Chewuch Dam Barrier Removal  Chris Johnson Chewuch Basin Council  Greg Knott Bureau of Reclamation	Chris Johnson and Greg Knott will present a Salmon Recovery Funding Board project on the Chewuch River, a tributary to the Methow River near Winthrop. The grant allowed the sponsor to replace the existing channel spanning diversion dam with a partial span structure and a roughened channel. The original dam height of 7 feet blocked fish passage at some flows. The roughened channel design is a new approach to allowing passage at diversion structures. The recently completed structure has been tested through two high flow events in May and November of 2006.

2:15 - 2:45 P.M.

PROTECTION AND ACQUISITION

Room B	<p><b>Panel Discussion: Acquisition Projects from A to Z</b></p> <p>Moderator: Marc Duboiski Salmon Recovery Funding Board</p>	<p>Panelists will address two themes key to successful acquisition projects: 1) A "nuts and bolts" discussion on the challenges of juggling all phases of an acquisition project from beginning to end, and 2) How to design acquisition projects to stretch Salmon Recovery Funding Board grants by focusing on key salmon habitat. Conservation easements versus fee-simple acquisitions also will be addressed.</p> <ul style="list-style-type: none"> <li>■ George Walter, Nisqually Tribe and Nisqually Land Trust</li> <li>■ Peggy Bill, Cascade Land Conservancy</li> <li>■ Cherie Kearney, Columbia Land Trust</li> <li>■ Gordon Congdon, Chelan-Douglas Land Trust</li> <li>■ Peter Scholes, The Nature Conservancy</li> <li>■ Gordon Scott, Whatcom Land Trust</li> </ul>
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HABITAT RESTORATION

Room C	<p><b>Riparian Planting and Floodplain Functions</b></p> <p>Bob Aldrich Snohomish County</p>	<p>Bob Aldrich will demonstrate successful Snohomish watershed riparian planting projects. Projects establish native plant cutting plantations on public lands to provide materials for live stakes and bioengineering projects. Large native trees will be harvested and relocated to restoration sites with the aid of a tree spade. Other activities include maintaining existing riparian plantings, silvicultural treatments on existing stands to promote understory diversity, and removal of exotics. Plant sources include native plant nurseries, commercial forestry companies, and plant salvage sites. An intensive maintenance routine of weeding, mowing, watering, mulching, and replacement will assure success.</p>
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NEARSHORE AND ESTUARY

Room F	<p><b>Landscape-Scale Conservation on Grays River</b></p> <p>Ian Sinks Columbia Land Trust</p>	<p>Ian Sinks will discuss estuary acquisition and restoration work accomplished through five Salmon Recovery Funding Board grants in the Grays River watershed. The trust's work shows what can happen when adjacent lands are acquired on a landscape scale. Working with local farmers, landowners, and other conservation agencies, the trust is conserving more than 850 acres. These lands, combined with lands already in conservation status with other organizations, knit together vital salmon habitat. Dike removal work has restored floodplain connectivity and tidal influence to more than 400 acres to benefit salmon. The trust has an extensive outreach program to these communities and works with willing landowners.</p>
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FISH PASSAGE AND SCREENING

Room E	<p><b>Working with the Agricultural Community: Projects that Benefit Fish and Farmers</b></p> <p>Anna Lael Kittitas County Conservation District</p>	<p>Anna Lael, district manager for the Kittitas County Conservation District, and her staff work with the agricultural community to remedy fish barriers, install fish screens, and implement irrigation efficiency projects in the Yakima basin. The hydrology of the Kittitas Valley is complicated by irrigation canals and laterals that intersect natural stream channels and by the use of natural stream channels for conveyance of irrigation water. Most valley streams are highly modified. During the past decade, the conservation district and partners have implemented projects that benefit fish and farmers.</p>
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CONFERENCE PROGRAM AT A GLANCE — MORNING SESSIONS

8:30 - 9 A.M.	Welcome and Orientation Laura Johnson Salmon Recovery Funding Board (Main Dining Room)		Keynote Address William D. Ruckelshaus, Chair Salmon Recovery Funding Board (Main Dining Room)	
CONFERENCE TRACK	PROTECTION AND ACQUISITION ROOM B	HABITAT RESTORATION ROOM C	NEARSHORE AND ESTUARY ROOM F	FISH PASSAGE AND SCREENING ROOM E
9:15 - 9:45 A.M.	<p><b>Watertype Assessment Projects</b> Jamie Glasgow Wild Fish Conservancy</p>	<p><b>Habitat Restoration: Lessons from the Past, Tools for the Future</b> (Main Dining Room) Pete Bisson U.S.D.A. Forest Service Pacific Northwest Research Station</p>	<p><b>Panel Discussion: Nearshore and Estuary Projects</b> Moderator: Doug Osterman King County</p>	<p><b>Beatty Creek Barrier Removal and Channel Reconstruction</b> Mike Kuttel, Jr. Thurston Conservation District</p>
10 - 10:30 A.M.	<p><b>Negotiating with Landowners and Combining Funding Sources</b> Eric Erler Capitol Land Trust</p>	<p><b>Engineered Logjams</b> Mike McHenry Lower Elwha Klallam Tribe</p>	<p><b>Panel Discussion: Nearshore and Estuary Projects (continued)</b></p>	<p><b>Perry Creek Fish Passage Project</b> Lance Winecka South Puget Sound Salmon Enhancement Group</p>
10:45 - 11:15 A.M.	<p><b>White River: Making Acquisitions Work in Eastern Washington</b> Gordon Congdon Chelan-Douglas Land Trust</p>	<p><b>Trap Creek Large Woody Debris Placement</b> Ron Craig Willapa Bay Regional Fisheries Enhancement Group</p>	<p><b>Panel Discussion: Nearshore and Estuary Projects (continued)</b></p>	<p><b>Project Partners for Fish Passage: Examples from the Chehalis Basin</b> Lee Napier Grays Harbor County</p>
11:30 A.M.- NOON	<p><b>Working Your Way Through Acquisitions: From Landowner Willingness and Parcel Prioritizing Through Project Closing</b> Molly Doran Skagit Land Trust</p>	<p><b>Using Large Wood Structures to Aggrade Sediment and Increase Habitat Diversity in Bedrock Stream Channels</b> Tony Meyer Lower Columbia Fish Enhancement Group</p>	<p><b>Panel Discussion: Nearshore and Estuary Projects (continued)</b></p>	<p><b>WRIA 1 Fish Barrier Inventory: A Basin-Wide Approach</b> Scott Rockwell Nooksack Tribe  Darrell Gray Nooksack Salmon Enhancement Association</p>

## CONFERENCE PROGRAM AT A GLANCE — AFTERNOON SESSIONS

Lunch and Presentation (Main Dining Room)				
Monitoring Past, Present, and Future Jennifer O'Neal, Tetra Tech EC, Inc.				
NOON - 1:30 P.M.	PROTECTION AND ACQUISITION ROOM B	HABITAT RESTORATION ROOM C	NEARSHORE AND ESTUARY ROOM F	FISH PASSAGE AND SCREENING ROOM E
1:35 - 2:05 P.M.	<b>Conserving Floodplains in a Competitive Real Estate Market (Yakima, Cle Elum, and Teanaway Rivers)</b>  Scott Nicolai Yakama Nation  David Gerth Kittitas Conservation Trust	<b>Riparian Restoration in Arid Landscapes</b>  Alison Bower Walla Walla County Conservation District	<b>Wiley Slough: Considerations for Planning Complex Estuary Restoration Projects</b>  Steve Hinton Skagit System Cooperative	<b>Cedar Creek Dam Removal</b>  Sandy Dotts Washington Department of Fish and Wildlife in Partnership with the Town of Lone
2:15 - 2:45 P.M.	<b>Panel Discussion: Acquisition Projects from A to Z</b>  Moderator: Marc Duboiski Salmon Recovery Funding Board	<b>Riparian Planting and Floodplain Functions</b>  Bob Aldrich Snohomish County	<b>Landscape-Scale Conservation on Grays River</b>  Ian Sinks Columbia Land Trust	<b>Working with the Agricultural Community: Projects that Benefit Fish and Farmers</b>  Anna Lael Kittitas County Conservation District
3 - 3:30 P.M.	<b>Panel Discussion: Acquisition Projects from A to Z (continued)</b>	<b>Using Habitat Assessments to Target Restoration Actions</b>  Alan Soicher Nooksack Tribe  Mike Maudlin Lummi Nation	<b>Nisqually Estuary: Complexities of a Large-Scale Restoration</b>  Jeannette Dorner Nisqually Tribe	<b>Chewuch Dam Barrier Removal</b>  Chris Johnson Chewuch Basin Council  Greg Knott Bureau of Reclamation
3:45 - 4:15 P.M.	<b>Panel Discussion: Acquisition Projects from A to Z (continued)</b>	<b>Managing a Complex Levee Setback Project</b>  Dan Wrye Pierce County Water Programs	<b>Nearshore Restoration, Sediment Transport, and Effectiveness Monitoring</b>  Scott Thomas City of Burien	<b>Dogfish Creek Estuary Restoration: Building a Bridge and a Park for Salmon and People</b>  Paul Dorn Suquamish Tribe
4:30 - 4:45 P.M.	<b>Closing Remarks and Door Prizes (Main Dining Room)</b>  Brian Abbott Salmon Recovery Funding Board			

1:35 - 2:05 P.M.

### PROTECTION AND ACQUISITION

Room B	<b>Conserving Floodplains in a Competitive Real Estate Market (Yakima, Cle Elum, and Teanaway Rivers)</b>  Scott Nicolai Yakama Nation  David Gerth Kittitas Conservation Trust	Scott Nicolai and David Gerth will discuss the types of property being targeted for protection in Kittitas County, the second fastest growing county in Washington, and the incredible competition this has created along with the inflated cost of land. They also will speak about entrepreneurial conservation - a term that refers to partnering with unlikely interests.
HABITAT RESTORATION		
Room C	<b>Riparian Restoration in Arid Landscapes</b>  Alison Bower Walla Walla County Conservation District	Alison Bower, riparian restoration coordinator for the Walla Walla County Conservation District, will discuss the district's riparian restoration program. Revegetation of streamside buffers in an arid environment represents many challenges. Ms. Bower will discuss how the conservation district has refined its approach to establishing riparian vegetation where the annual precipitation ranges from 5 to 22 inches. The presentation will focus on Coppei Creek, where the district has restored 20.7 stream miles of productive steelhead spawning and rearing habitat through the use of in-stream structures, fish screens, livestock fencing, and riparian plantings.
NEARSHORE AND ESTUARY		
Room F	<b>Wiley Slough: Considerations for Planning Complex Estuary Restoration Projects</b>  Steve Hinton Skagit System Cooperative	Steve Hinton has played an integral role in reconnecting vital salmon rearing habitat in the Skagit estuary. One of the most effective strategies involves removing and breaching levees. These complex projects involve numerous partnerships and funding sources. Wiley Slough is a recent effort in partnership with the Washington Department of Fish and Wildlife. Mr. Hinton's presentation will highlight successful approaches and potential pitfalls in this joint effort to reestablish tidal and freshwater inundation to an area that had been isolated by levees for many decades. The presentation will touch on strategies and techniques used to identify, implement, and monitor complex estuary projects.
FISH PASSAGE AND SCREENING		
Room E	<b>Cedar Creek Dam Removal</b>  Sandy Dotts Washington Department of Fish and Wildlife in Partnership with the Town of Lone	Washington Department of Fish and Wildlife Watershed Steward Sandy Dotts will talk about removing a 19-foot-high, 95-foot-wide dam on Cedar Creek, a tributary to the Pend Oreille River. The dam was a barrier to fish migration for more than 50 years. The project restored fish passage to 12 miles of critical habitat by removing the Cedar Creek Dam, reconstructing the stream channel, and restoring riparian vegetation. Other benefits of the project included reduced water temperatures below the dam and elimination of the risk of potential dam failure.

11:30 A.M. - NOON

PROTECTION AND ACQUISITION

Room B

**Working Your Way Through Acquisitions: From Landowner Willingness and Parcel Prioritizing Through Project Closing**

Molly Doran  
Skagit Land Trust

Skagit Land Trust has protected more than 20 properties along the Skagit River, including many contiguous blocks of land, as a result of landowner willingness, landscape assessment surveys, prioritizing exercises, and partnerships. Ms. Doran will discuss these techniques, and also show how Skagit Land Trust has demonstrated success and professionalism in facing many of the typical challenges associated with acquisition projects.

HABITAT RESTORATION

Room C

**Using Large Wood Structures to Aggrade Sediment and Increase Habitat Diversity in Bedrock Stream Channels**

Tony Meyer  
Lower Columbia Fish Enhancement Group

Tony Meyer will discuss techniques used and lessons learned from the installation of 15 logjams and multiple single logs in the incised bedrock reaches of the upper Washougal River. These logjams survived the largest flood ever recorded in this basin and have aggraded significant sediment (gravels) that have reduced depth-to-width ratios in the treated sections of the river.

NEARSHORE AND ESTUARY

Room F

**Panel Discussion: Nearshore and Estuary Projects**

Moderator: Doug Osterman  
King County

Panel discussion continues.

FISH PASSAGE AND SCREENING

Room E

**WRIA 1 Fish Barrier Inventory: A Basin-Wide Approach**

Scott Rockwell  
Nooksack Tribe

Darrell Gray  
Nooksack Salmon Enhancement Association

Whatcom County partnered with the Nooksack Salmon Enhancement Group and the Nooksack Tribe to complete this comprehensive WRIA 1 fish passage inventory. More than 500 structures were identified and evaluated using the Washington Department of Fish and Wildlife protocols for evaluating in-stream structures. Fortunately, the budget allowed the sponsor to take the inventory to the next step by prioritizing some of the worst barriers and designing corrections. Several culverts identified through this inventory have been replaced during the past two years.

NOON - 1:30 P.M.

**Lunch and Presentation: Monitoring Past, Present, and Future**  
Jennifer O'Neal, Tetra Tech EC, Inc.

Ms. O'Neal will provide an overview of the Salmon Recovery Funding Board's monitoring efforts, complete with a new review of the effectiveness of different types of projects.

9:15 - 9:45 A.M.

PROTECTION AND ACQUISITION

Room B

**Watertype Assessment Projects**

Jamie Glasgow  
Wild Fish Conservancy

Jamie Glasgow will present an essential and cost-effective approach to protecting fish habitat. Forest practices and most local governments base their streamside buffer width requirements on the presence or absence of fish habitat, as reflected by water type. Existing regulatory watype maps demonstrably under-represent the distribution of fish habitat. Many streams are mapped incorrectly or not at all. The Wild Fish Conservancy, through visual and electrofishing surveys, accurately maps channel locations and the distribution of fish and fish habitat. The projects also generate species-specific fish distribution and habitat quality data to assist with restoration project identification and prioritization efforts. The resulting GIS is used by state and local governments to update regulatory watype maps and ultimately provide greater protection for fish.

HABITAT RESTORATION

Main Dining Room

**Habitat Restoration: Lessons from the Past, Tools for the Future**

Pete Bisson  
U.S.D.A. Forest Service  
Pacific Northwest Research Station

Pete Bisson, research fish biologist with the Forest Service's Pacific Northwest Research Station, will share his thoughts on restoration objectives, principles, implementation, and monitoring the effectiveness of restoration actions in terms of habitat recovery and fish response. Mr. Bisson will moderate the Habitat Restoration Track and will be available throughout the day to answer questions.

NEARSHORE AND ESTUARY

Room F

**Panel Discussion: Nearshore and Estuary Projects**

Moderator: Doug Osterman  
King County

This diverse group of panelists will use both "lessons learned" and "looking forward" approaches to the subject of nearshore and estuary projects: What has worked, and what has not? What technical and ecological information do we need to support restoration and protection projects? What are the challenges of funding processes?

- Jacques White, The Nature Conservancy
- Jeff Dillon, U.S. Army Corps of Engineers
- Paul Dorn, Suquamish Tribe
- Kurt Fresh, National Oceanic and Atmospheric Administration (NOAA)
- Ian Sinks, Columbia Land Trust

FISH PASSAGE AND SCREENING

Room E

**Beatty Creek Barrier Removal and Channel Reconstruction**

Mike Kuttel, Jr.  
Thurston Conservation District

Mike Kuttel, Jr. will explain the Thurston Conservation District's approach to removing a dam and spillway that completely blocked anadromous fish passage. The Washington Department of Fish and Wildlife completed all of the design and construction work. In the summer of 2004, the dam and spillway were removed and replaced with a 65-foot-long, pre-cast concrete bridge. A new stream channel, 300 feet long, was constructed through the area where the pond had been. Mr. Kuttel will walk through the steps that made this a successful project.

10 - 10:30 A.M.

PROTECTION AND ACQUISITION

Room B

Negotiating with Landowners and Combining Funding Sources

Eric Erler  
Capitol Land Trust

Eric Erler, executive director of the Capitol Land Trust, will discuss how the trust has successfully negotiated with landowners to complete complex conservation transactions. In 2006, Capitol Land Trust projects conserved 6 miles of marine nearshore habitat and hundreds of acres of freshwater and upland habitat. Mr. Erler will discuss three of these projects to illustrate the importance of diverse partnership support, and incorporating multiple funding sources and transaction techniques.

HABITAT RESTORATION

Room C

Engineered Logjams

Mike McHenry  
Lower Elwha Klallam Tribe

Mike McHenry has years of experience in the field of in-stream restoration on the Olympic Peninsula and has managed the installation of a series of engineered logjams on the Elwha River. His presentation will look at the objectives of engineered logjam placement, including long- and short-term benefits. Mr. McHenry will discuss the identification and siting of project areas and the results of the placements, including extensive monitoring data. This discussion will have the added interest of a major dam removal and how that may impact engineered logjam restoration efforts on the Elwha.

NEARSHORE AND ESTUARY

Room F

Panel Discussion: Nearshore and Estuary Projects

Moderator: Doug Osterman  
King County

Panel discussion continues.

FISH PASSAGE AND SCREENING

Room E

Perry Creek Fish Passage Project

Lance Winecka  
South Puget Sound Salmon Enhancement Group

Lance Winecka, from the South Puget Sound Salmon Enhancement Group, will share the many lessons learned on the Perry Creek fish passage project. A community road with more than 35 landowners and an undersized culvert with an outfall drop of more than 5 feet made this project a challenge. Mr. Winecka will share how the salmon enhancement group maneuvered around an unhappy landowner, a flawed design process, a poor contractor, and two project fixes before they could claim success.

10:45 - 11:15 A.M.

PROTECTION AND ACQUISITION

Room B

White River: Making Acquisitions Work in Eastern Washington

Gordon Congdon  
Chelan-Douglas Land Trust

Gordon Congdon will discuss how the Chelan-Douglas Land Trust was able to use Salmon Recovery Funding Board grants to acquire and permanently protect nearly 2.5 miles of the most important salmonid spawning and rearing habitat on the White River, a tributary of the Wenatchee River. Numerous studies had identified the White River as a priority for salmon recovery because it supports endangered spring Chinook, steelhead, threatened bull trout, and the largest run of sockeye in the Columbia Basin. For this project the biggest obstacle was overcoming political opposition to acquiring private land in a county where 87 percent of the land is already in public ownership.

HABITAT RESTORATION

Room C

Trap Creek Large Woody Debris Placement

Ron Craig  
Willapa Bay Regional Fisheries Enhancement Group

Trap Creek is a major tributary to the Willapa River in southwest coastal Washington. Although it had 2.35 miles of prime spawning habitat available below a natural barrier falls, in many areas there was exposed bedrock with little or no spawning gravel. Two projects abandoned 11 miles of logging road and treated a stream reach more than 2 miles long. The design team approach and design-build methods were used to design, implement, and monitor the projects. Large, woody debris was placed using logging equipment and "highlining" the logs into the canyon for placement in bedrock-dominated channel sections with chains and anchors. Since construction in 2001 and 2002, independent monitoring has confirmed that newly-recruited gravel has accumulated to form a number of bars, significantly increasing spawning habitat.

NEARSHORE AND ESTUARY

Room F

Panel Discussion: Nearshore and Estuary Projects

Moderator: Doug Osterman  
King County

Panel discussion continues.

FISH PASSAGE AND SCREENING

Room E

Project Partners for Fish Passage: Examples from the Chehalis Basin

Lee Napier  
Grays Harbor County

Lewis Conservation District, Chehalis Basin Fisheries Task Force, Mason County, Grays Harbor County, U.S. Fish and Wildlife Service, Washington Department of Fish and Wildlife, and others are working cooperatively to address known fish barriers in the Chehalis basin. Lead Entity Coordinator Lee Napier will highlight basin-wide inventory work, successful projects by different partners, and the ongoing coordination needed to achieve results.