Yale Lake, Clark County



Lower Columbia Salmon Recovery Region

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Lower Columbia Salmon Recovery Region Indicators

Human Population: 544,500

Counties: Clark, Cowlitz, Lewis, Skamania, and Wahkiakum, and portions of Pacific and Klickitat.

Treaty Tribes: Treaty Tribes:

No Treaty Tribe Reservations are located in this Region. Cowlitz Tribe is federally recognized.

Listed Fish: Chinook (threatened), chum (threatened), steelhead (threatened), coho (proposed), bull trout (threatened).

Regional Recovery Organization: Lower Columbia Fish Recovery Board (http://www.lcfrb.gen.wa.us/).

Recovery Planning Status:

Draft recovery plan for Washington portion of lower Columbia Chinook, steelhead, chum, bull trout, and coho delivered to NOAA-Fisheries December 2004.

WRIAs / Water Resource Inventory Areas

- 24 Willapa (Chinook and Wallicut rivers)
- 25 Grays-Elokoman
- **26** Cowlitz
- 27 Lewis
- 28 Salmon-Washougal
- 29 Wind/White Salmon



ROLLIE GEPPERT

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2004 STATE OF SALMON IN WATERSHEDS 36



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On our map

a single salmon habitat rating is depicted for each watershed that produces salmon or steelhead. This rating is a distillation of individual Limiting Factors Analyses reports for floodplain, sedimentation, riparian, and instream conditions. Although a single rating does not allow for the often varying conditions found within each WRIA and between each rated category, it is useful for a broad perspective on conditions for salmon spawning and rearing. Many watersheds now have in-depth analyses that will be available in recovery plans due in June 2005. Projects funded by the Salmon Recovery Funding Board, tribes, or the US Forest Service that are intended to improve stream habitat conditions are shown.

Habitat Quality Status

AND WHAT WE'RE DOING



Lower Columbia Salmon Recovery Region

Habitat Quality Status Index	
	Good Condition
	Fair Condition
	Poor Condition
	Insufficient Data
	Federal Lands





Skook Creek Barrier Removal The project removed barriers and added streamside trees along a small tributary to the Cowlitz River. 10.8 miles of stream habitat historically used by anadromous fish were opened.

Doty Creek Habitat Restoration Volunteers from Fish First restored stream complexity in over 4200 feet of a small creek.

Cedar Creek at Amboy Road

Removal and replacement of an old culvert opened up 4 miles of quality habitat in Cedar Creek, a major spawning and rearing area for steelhead, coho, and sea-run cutthroat trout.

Lower Columbia River Wild Steelhead

• Composite spawner abundance and target goal for 10 of 29 populations.

Target goal from Lower Columbia Fish Recovery Board.



Lower Columbia River Wild Steelhead Smolt Production Index





Barriers to Fish Passage



DATA SOURCE: WASHINGTON DEPARTMENT OF FISH AND WILDLIFE, US FOREST SERVICE.

Lower Columbia

Salmon Recovery

Region



Unnamed Tributary to Coweeman River

The partners on this project included the Family Forest Fish Passage Program, Cowlitz Conservation District, Washington Department of Fish and Wildlife, and a landowner. Together they restored access to over 1/2 mile for coho, searun cutthroat, and steelhead.

Beaver Creek Fish Passage

The Family Forest Fish Passage Program provided funding to open up over six miles of Beaver Creek for use by coho, cutthroat, and steelhead by removing two culverts.

Duncan Creek Dam Fish Restoration

This project restored passage through a dam for chum, coho, and sea-run cutthroat trout. Duncan Creek is one of only a handful of streams on the Columbia River that have supported chum production.

Lower Columbia River Wild Chum

- Composite in terms of spawners per mile for 2 of 10 populations.
- Target goal from Lower Columbia Fish Recovery Board.

1,600 spawners per mile



Lower Columbia River Wild Chinook

- Composite spawner abundance and target goal for 2 of 20 populations.
- Target goal from Lower Columbia Fish Recovery Board.

6,000 spawners

