



# County of Santa Cruz

## BOARD OF SUPERVISORS

701 OCEAN STREET, SUITE 500, SANTA CRUZ, CA 95060-4069

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JANET K. BEAUTZ  
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WALTER J. SYMONS  
SECOND DISTRICT

MARDI WORMHOUDT  
THIRD DISTRICT

TONY CAMPOS  
FOURTH DISTRICT

JEFF ALMQUIST  
FIFTH DISTRICT

AGENDA: 12/14/99

December 9, 1999

BOARD OF SUPERVISORS  
County of Santa Cruz  
701 Ocean Street  
Santa Cruz, CA 95060

RE: SANTA CRUZ COUNTY PROPOSAL FOR SALMONID  
HABITAT ENHANCEMENT PROJECTS 2000 IDENTIFIED  
FOR FEDERAL FUNDING - CALIFORNIA PACIFIC COAST  
SALMON CONSERVATION AND RECOVERY INITIATIVE

Dear Members of the Board:

Over the past year, a collaborative effort involving coastal counties and water agencies has been underway to lobby Congress for federal funds for salmonid stream restoration projects for the four western states--California, Oregon, Washington, and Alaska. During the 1999 legislative session, consideration was given by the California State Assembly and Senate to proposals to allocate this funding when received, including SB 291, but no one proposal was adopted. In the meantime, it appears that a first annual round of this federal funding is available subject to extremely short time lines for inclusion. While the initial proposal for funding sought \$200 million! \$50 million for each of these states, subsequent actions by Congress have reduced the amount available, set off a portion of the funding for native tribes, and reallocated a larger portion to Alaska and Washington, leaving California with a \$9 million pot for the first year out of total funding of \$78 million.

At a meeting of coastal California counties, special districts and municipalities in Sacramento on November 4, 1999, it was agreed that in the absence of SB 291 or any other legislation being passed to create a mechanism for the distribution of the President's Pacific Coastal Salmon Recovery funds, a funding request package for California would be submitted to the California Resources Agency by early January, 2000, on a

59.1

consensus basis. This package would request allocation of the anticipated \$9 million to California by dividing it equally among those counties with coastal streams, each county in turn to propose, on a consensus basis, how to allocate the funds between County agencies, cities touching fish-bearing streams, and water agencies.

This federal money is targeted specifically for projects sponsored by counties, cities and water agencies. Other funds in a similar amount will be available to non-profits and watershed organizations through the Resources Agency. Funding is expected to be divided equally among the eligible counties, at about \$750,000 per year, and be available for six consecutive years.

A three week time line was given to all of us in which to develop this list of projects. My staff, working with the Public Works Department, has worked with a water district and cities to compile this list. It is anticipated that in the future, additional cities and water districts will join in this effort; for now, potential applicants were willing to be excluded from the list if they did not have projects designed and ready to fund. It is anticipated that funding will be available in late spring for the 2000 construction season.

The principal criteria for inclusion in this year's list of projects to be considered for funding are: 1) the degree to which the project is ready for implementation, 2) that the proposal would result in a physical, on-the-ground project, 3) that the project is already designed and in the permit process, and 4) that the project sponsor has available a match of at least 50 percent. Two projects (Arana Gulch Fish Ladder and Riparian Rehabilitation, Box Gulch) have applied for necessary permits. Some projects will not require permits.

As a representative of the Santa Cruz County Board of Supervisors on the Fishnet4C process, I am bringing this collaborative proposal forward. In anticipation of this funding, the Sonoma County Water Agency has agreed to take the lead to gather up and present a package of similar lists of "ready to fund" Central Coast projects to the Resources Agency of California.

#### Projects List

This proposal includes nine projects from four jurisdictions: the County of Santa Cruz, City of Santa Cruz, San Lorenzo Valley Water District and City of Capitola. Please see the attachments for the project list and descriptions. The County's matching funds for its projects, those on San Lorenzo Way and the Culvert Replacement and Erosion Control, are already included in next year's approved budget.

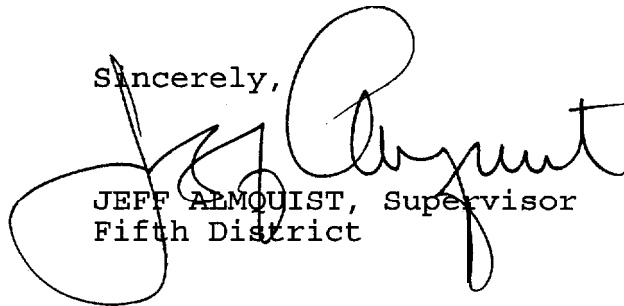
BOARD OF SUPERVISORS  
December 9, 1999  
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This letter and the attachments, and particularly those projects listed as County projects, have been reviewed and are recommended by the County Administrator and the Director of Public Works.

In order to submit this application, I recommend that the Board take the following actions:

1. Approve the submission of the attached package for Salmonid Conservation and Recovery 2000 to the California Resources Agency.
2. Adopt the attached resolution authorizing the submission of projects for funds available for Salmonid Habitat Enhancement Projects.
3. Direct staff to submit this proposal package to the Sonoma County Water Agency for submission to the State Resources Agency.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Almquist", is written over the typed name and title.

JEFF ALMQUIST, Supervisor  
Fifth District

JA:ted  
Attachments

cc: City of Santa Cruz  
City of Capitola  
City of Scotts Valley  
City of Watsonville  
San Lorenzo Valley Water District  
Public Works Department

1813A5

Santa Cruz County - Salmonid Habitat Enhancement Projects 2000  
Federal Funding - California Coastal  
Salmon Conservation and Recovery

1. San Lorenzo Wav Reconstruction and Bank Rehabilitation (Santa Cruz County). A road failure along the mainstem of the San Lorenzo River will be repaired. The existing design, which relies on large rocks to stabilize the toe of the slope, will be evaluated to include more fish-friendly elements including large woody material and/or rock groins. The project reach will be surveyed to determine the appropriateness of habitat enhancement structures for this site. In addition, a revegetation plan will be added to the existing erosion control plan.
2. Culvert Replacement and Erosion Control Program (Santa Cruz County). The primary objective of this project is to replace culverts for improved fish passage and erosion control. Erosion control will include measures to address downcutting at culvert outlets and inlets and road cut-slope protection. Culverts in watersheds bearing coho salmon and steelhead will be prioritized for culvert upgrades and erosion control.
3. Arana Gulch Fish Ladder and Riparian Rehabilitation (City of Santa Cruz). This project will improve the function of an existing fish ladder and address channel and bank instability in the project reach. The base level of the creek will be raised to reduce bank erosion and the existing fish ladder will be extended by two cells to match this new grade. In addition, the channel will be recontoured through the project reach to include terraces on the south bank. Non-native vegetation will be removed and replanted with native riparian vegetation.
4. Soquel Creek Lagoon Enhancement (City of Capitola). Soquel Creek watershed supports a steelhead run and has been identified as a coho salmon recovery watershed. The City of Capitola operates a manual flume to create a freshwater summer lagoon for steelhead nursery habitat. This project consists of four components to improve salmonid habitat conditions in the lagoon: (1) Repair and upgrade the flume to improve function and minimize vandalism; (2) Install runoff interceptors at four storm drains to protect water; (3) Revegetate riparian areas along the lagoon to improve shading; and (4) construct and install cover structures so juvenile salmonids can escape bird predators.
5. King's Creek Road Drainage and Erosion Control (Santa Cruz County). King's Creek Road is a County maintained road. Public Works and Planning implemented several projects in 1999 to reduce road erosion, repair a road failure along the creek, and install an arch culvert to improve fish passage into Logan Creek. This project will continue work on King's Creek road by installing additional culverts along the road and other drainage and erosion control measures.

6. Box Gulch Sediment Control Project (San Lorenzo Valley Water District). Box Gulch is a small, non-fish-bearing stream that is actively downcutting and contributing significant amounts of sediment directly into Zayante Creek. Gabion baskets will be installed across the stream channel to provide grade control.
7. Camp Lindblad Dam Removal (San Lorenzo Valley Water District). A collapsed seasonal recreation dam on King's Creek will be removed to reduce associated bank erosion and channel instability.
8. Lower San Lorenzo River Trash Removal (City of Santa Cruz). Trash from riverside homeless camps will be removed prior to the rainy season.
9. Genetically Local Riparian Vegetation Nursery Project (City of Santa Cruz). Levees along the Lower San Lorenzo River are being raised for flood protection and salmonid habitat enhancement. Reconstructed levees will be able to accommodate in-channel vegetation and channel features beneficial to salmonid migration and rearing habitat. Following reconstruction, the outer levees will be revegetated with plants and trees already purchased from around the state. These funds will establish a nursery program to grow genetically local riparian vegetation stock to supplement existing plantings and replace dead plants.

BEFORE THE BOARD OF SUPERVISORS  
OF THE COUNTY OF SANTA CRUZ, STATE OF CALIFORNIA

RESOLUTION NO.

On the motion of Supervisor  
duly seconded by Supervisor  
the following resolution is adopted

RESOLUTION AUTHORIZING THE SUBMISSION OF PROJECTS  
FOR FUNDS AVAILABLE FOR SALMONID HABITAT ENHANCEMENT PROJECTS

WHEREAS, the decline of salmon and steelhead populations along the Pacific Coast region from California to Alaska over the last decade has led to the listing by the National Marine Fisheries Service of salmonid populations as "threatened" or "endangered," pursuant to the Endangered Species Act; and

WHEREAS, numerous watersheds that are tributaries to the Pacific Ocean are significantly impacted by these listings; and

WHEREAS, in April of 1998, representatives from counties within the states of Alaska, California, Oregon and Washington began meeting to consider a joint effort to seek federal funding for salmonid restoration projects; and

WHEREAS, outreach for this effort was expanded to include representatives from other cities, special districts, tribal and other interest groups; and

WHEREAS, all those participating shared common interests of similar resource enhancement needs, the recognition of the economic and regulatory effects of the listing or potential listing of salmonids within their region, an urgent need to implement restoration work to prevent further decline of salmonid populations, and limited local funding resources; and

WHEREAS, by consensus, the local governing bodies and treaty tribes of Alaska, California, Oregon and Washington established the historic Pacific Coastal Salmonid Conservation and Restoration Initiative and agreed to work together to acquire federal funding for the recovery of Pacific coastal salmon and steelhead trout; and

WHEREAS, in September of 1998, the Secretary of the California Resources Agency was solicited to urge state leadership to support and advocate for federal funding for salmonid recovery; and .

WHEREAS, in October 1998, the Governors of Alaska, California, Oregon and Washington requested of Vice-President Gore a commitment in the President's budget for the fiscal year 2000 of \$200 million per year, \$50 million per state, for six years to fund the four-state initiative; and

RESOLUTION AUTHORIZING THE SUBMISSION OF PROJECTS FOR FUNDS  
AVAILABLE FOR SALMONID HABITAT ENHANCEMENT PROJECTS

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WHEREAS, this funding would provide for restoration work such as reducing stream sediment, improving water quality, and protecting spawning grounds; and

WHEREAS, regional and local elected officials, including representatives from Santa Cruz County, worked cooperatively with the 13 California counties tributary to the Pacific coast (including Del Norte, Humboldt, Siskiyou, Trinity, Mendocino, Sonoma, San Mateo, Santa Cruz, Marin, Monterey, San Luis Obispo, Santa Barbara and Ventura) to gain support from members of Congress for inclusion of \$200 million in the President's budget for the Pacific Coast Salmon Recovery and Restoration Initiative; and

WHEREAS, these efforts resulted in the inclusion of a \$78 million Salmon Recovery Fund in the final federal budget for fiscal year 2000; and

WHEREAS, the State of Alaska is to receive \$14 million, the State of California \$9 million, the State of Oregon \$9 million, the State of Washington \$18 million, and the affected treaty tribes \$6 million, with \$2 million allocated for the Columbia River region and \$20 million for the U.S./Canadian fishing treaties; and

WHEREAS, the cost of recovering historic runs of salmon and steelhead could create an overwhelming financial burden on Santa Cruz County and political entities located within it; and

WHEREAS, Santa Cruz County has spent considerable time and effort securing support from Senator McPherson and Assembly Member Keeley to secure matching funds for this initiative through various bond measures and other appropriations; and

WHEREAS, distribution of the federal funds to the State of California requires an accountability mechanism to ensure effective expenditure of funds for a regional approach to salmon recovery; and

WHEREAS, the 13 county regions from Ventura to Del Norte have collaborated to reach a consensus for requesting distribution of approximately \$9 million of the combined federal and state funds in fiscal year 2000 to this region, and have agreed that each county and its included governmental agencies request a total of approximately \$750,000; and

WHEREAS, it was a consensus that each region would use the funds for local, science-based salmonid recovery projects, and give priority placement on the proposed list for funding those projects that are "ready to go" and "on-the-ground," projects that can help achieve immediate results in habitat protection and restoration to maximize the benefit of this historic program; and

RESOLUTION AUTHORIZING THE SUBMISSION OF PROJECTS FOR FUNDS  
AVAILABLE FOR SALMONID HABITAT ENHANCEMENT PROJECTS

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WHEREAS, in Santa Cruz County it is our intent to use the federal funds for the below listed specific projects which have been reviewed and are considered beneficial by the California Department of Fish and Game and National Marine Fisheries Service:

1. San Lorenzo Wav Reconstruction and Bank Rehabilitation (Santa Cruz County). A road failure along the mainstem of the San Lorenzo River will be repaired. The existing design, which relies on large rocks to stabilize the toe of the slope, will be evaluated to include more fish-friendly elements including large woody material and/or rock groins. The project reach will be surveyed to determine the appropriateness of habitat enhancement structures for this site. In addition, a revegetation plan will be added to the existing erosion control plan.
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RESOLUTION AUTHORIZING THE SUBMISSION OF PROJECTS FOR FUNDS  
AVAILABLE FOR SALMONID HABITAT ENHANCEMENT PROJECTS

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5. King's Creek Road Drainase and Erosion Control (Santa Cruz County). King's Creek Road is a County maintained road. Public Works and Planning implemented several projects in 1999 to reduce road erosion, repair a road failure along the creek, and install an arch culvert to improve fish passage into Logan Creek. This project will continue work on King's Creek road by installing additional culverts along the road and other drainage and erosion control measures.
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NOW, THEREFORE, BE IT RESOLVED that the Santa Cruz County Board of Supervisors hereby authorizes the Chairperson of the Board to sign a California County joint effort letter to the Secretary of the California Resources Agency requesting distribution of \$750,000 of federal and state funds from the President's Salmon Recovery Fund for expenditure for these specifically identified projects.

BE IT FURTHER RESOLVED that the Santa Cruz County Board of Supervisors indicates its intention to actively continue support for a legislative mechanism which will provide for the future distribution of federal and state funds that will insure funds are allocated for actual restoration projects.

RESOLUTION AUTHORIZING THE SUBMISSION OF PROJECTS FOR FUNDS  
AVAILABLE FOR SALMONID HABITAT ENHANCEMENT PROJECTS

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BE IT FURTHER RESOLVED that the Santa Cruz County Board of Supervisors will actively continue support of the Pacific Coastal Salmonid Conservation and Restoration Initiative for continued federal funding of upwards of \$50 million per year, per state, over at least the next six years, for restoration work.

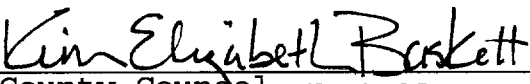
PASSED AND ADOPTED by the Board of Supervisors of the County of Santa Cruz, State of California, this \_\_\_\_\_ day of \_\_\_\_\_, 1999, by the following vote:

AYES: SUPERVISORS  
NOES: SUPERVISORS  
ABSENT: SUPERVISORS

\_\_\_\_\_  
JEFF ALMQUIST, Chairperson  
Board of Supervisors

ATTEST: \_\_\_\_\_  
Clerk of said Board

Approved as to form:

  
\_\_\_\_\_  
County Counsel 12.10.99

DISTRIBUTION: City of Santa Cruz  
City of Scotts Valley  
City of Capitola  
City of Watsonville  
San Lorenzo Valley Water District  
Senator McPherson  
Assembly Member Keeley  
Sonoma County Water Agency

1813215

**SANTA CRUZ COUNTY - SALMONID HABITAT  
ENHANCEMENT PROJECTS 2000**

Federal Funding - California Coastal Salmon Conservation and Recovery

<b>Agency</b>	<b>Project</b>	<b>Watershed</b>	<b>Total</b>	<b>Match</b>	<b>Funds Requested</b>	<b>Percent</b>
County	San Lorenzo Way	San Lorenzo River	\$225,000	\$100,000	\$125,000	80%
County	Culvert Replacement and Erosion Control	Various	\$636,000	\$300,000	\$336,000	89%
City of Santa Cruz	Arana Gulch Fish Ladder and Riparian Rehabilitation	Arana Gulch	\$110,000	\$55,000	\$55,000	100%
City of Capitola	Soquel Lagoon Enhancement	Soquel Creek	\$190,000	\$63,000	\$127,000	50%
County	King's Creek Road Drainage and Erosion Control	San Lorenzo River	\$50,000	\$69,000	\$60,000	115%
San Lorenzo Valley Water District	Box Gulch Grade Stabilization	San Lorenzo River	\$7,000	\$5,000	\$2,000	250%
San Lorenzo Valley Water District	Camp Lindblad Dam removal	King's Creek	\$40,000	\$20,000	\$20,000	100%
City of Santa Cruz	Lower San Lorenzo River Trash removal	San Lorenzo River	\$7,500	\$2,500	\$5,000	50%
City of Santa Cruz	Local Genetic Riparian Vegetation Nursery Project	San Lorenzo River	\$30,000	\$10,000	\$20,000	50%
		<b>County Totals</b>	<b>\$1,295,500</b>	<b>\$624,500</b>	<b>\$750,000</b>	<b>83%</b>