

Mr. Michael Bird
Inland Fisheries Division

April 28, 1997

California Environmental Quality Act (CEQA) Review for
1996/97 Fishery Restoration Grants

We have reviewed the California Conservation Corps' proposals (Numbers 22, 94, 95 and 96) which affect Bottom Creek, Little North Fork Navarro River, North Branch North Fork Navarro River, and Daugherty Creek. We believe that these projects should qualify for a categorical exemption under CEQA for this year.

If you have any questions, please contact Mr. Ken Aasen, Senior Fishery Biologist, at 8-547-5532.

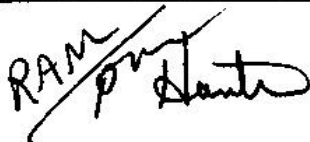


Brian Hunter
Regional Manager
Region 3

bc: R. Macedo (IFD - Sacramento)
Aasen, Jones, Snyder (R3)
RAM/ram/pm

SURNAME

FG-465 (REV. 1/92)



LITTLE NORTH FORK NAVARRO RIVER GRANT PROPOSAL
SUMMARY SHEET

RECEIVED

APR 16 1996

1. **Contractor:** California Conservation Corps
2. **Type of Contractor:** Public Agency - contractor to the State
3. **Street Address:** 2600 Eastside Road
4. **City:** Ukiah
5. **State:** CA
6. **Zip Code:** 95482
7. **Contact Person:** Mark Covella
8. **Telephone Number:** (707) 463-2822
9. **Project Title:** Little North Fork Navarro River Stream Enhancement Project #1
10. **Funding Request:** \$40,573.00
11. **Objective:** Increase the frequency and depth of primary pools in Little North Fork Navarro River by installing boulder weirs. Incorporated large woody cover to enhance steelhead and coho habitat in the proposed 10,300' reach.
12. **Species Benefitted:** Steelhead and coho
13. **Work Schedule:** Summer and Fall 1997
14. **County:** Mendocino
15. **Stream:** Little North Fork Navarro River
16. **Tributary to:** North Branch North Fork Navarro / North Fork Navarro River
17. **Major Drainage System:** Navarro River
18. **Assembly District:** 1
19. **Senate District:** 2
20. **Past Contractor:** Yes
21. **Federal Taxpayer ID #:**
22. **Project Site Falls Within Coastal Zone?** No

94
R3

LOCATION

LNFNRR is located west of Ukiah in Mendocino County (Township 16 North, Range 3 East, Section 20). The location of the enhancement section is from the upstream side of the Masonite Road, upstream 10,300 feet to the confluence with Bottom Creek. There are 28 projects spaced somewhat evenly over the length of the enhancement section. Vehicle access is via the Masonite Road.

PROJECT DESCRIPTION

The proposal is for a total of 30 projects, all of which are instream habitat improvement structures using logs and boulders.

Eight structures will be "simple", meaning that they will incorporate at least 1 log that is a minimum of 10 feet long and 1 foot in diameter, or at least one or two boulders of 3-foot minimum diameter. All of these structures will be used to create cover and enhance scour in both pools and flatwater habitat, and are located at 210', 1020', 1410', 1620', 2530', 2770', 3660', and 9170'.

Twenty-two structures will be "complex", meaning that they will incorporate logs at least 10 feet long and 1 foot in diameter, and boulders at least 3 feet in diameter. These structures will use a combination of at least 3 logs and/or boulders. Fourteen of these structures will be used to increase cover and enhance scour in pool and flatwater habitat, and are located at 425', 1940', 2605', 2960', 4080', 6235', 6840', 7040', 7110', 7170', 8840', 9675', 9670', and 10070'. Eight of these structures will be used specifically to enhance the depth in existing pools, and they are located at 1455', 2170', 2260', 2420', 3510', 3585', 5960', and 6015'. For further details see attached work plan.

All methods employed will follow closely the recommendations and procedures outlined in the second edition of the *California Salmonid Stream Habitat Restoration Manual*. Twenty-two projects will be carried out by California Conservation Corps hand crews with hand and power tools such as grip hoists, chainsaws, and drills. The materials (logs and boulders) used by hand crews will be garnered from the immediate area of the projects. The remaining eight projects will use heavy equipment (DFG backhoe) for their installation and the materials will be imported with equipment. All instream structures installed will be securely anchored to existing rock and embedded wood to facilitate their proper function and continued existence over time. Any land disturbed by enhancement activities will be reseeded or planted with species indigenous to the area.

PERMITS

DFG 1601/03 Streambed Alteration Agreement; Landowner Access Agreement; U.S. Army Corps of Engineers 404 permit; Regional Water Quality Control Board 401 permit; and California Environmental Quality Act compliance.

SCHEDULING

Work will be accomplished during low-flow periods when there will be minimal effects on developing juvenile salmonids. It is estimated that the entire project will require approximately four weeks to complete, and the work is scheduled for the summer/fall of 1997.

AUTHOR

This proposal was written by California Conservation Corps Conservationist 1 Jason MacDonnell.

ESTIMATED BUDGET
LITTLE NORTH FORK NAVARRO RIVER PROPOSAL

	Amount Requested	Amt. of Cost Share	Project Total
<u>PERSONNEL COSTS</u>			
<u>Level of Staff</u>	<u>No. hrs.</u>	<u>Hourly rate</u>	
CCC laborers	2880	\$11.75	\$33,840.00
			\$ 0.00
			\$33,840.00
TOTAL PERSONNEL COSTS	<u>\$33,840.00</u>	<u>\$ 0.00</u>	<u>\$33,840.00</u>
<u>MATERIALS AND SUPPLIES</u>			
690 ft. 5/8" cable (\$0.80/ft.)	\$ 552.00	0.00	552.00
130 ea. 5/8" cable clamp (\$1.00 ea.)	130.00	0.00	130.00
738 ft. 1" threaded rebar (\$1.00/ft.)	738.00	0.00	738.00
246 ea. washer and nut(\$2.00/set)	492.00	0.00	492.00
82 ea. polyester resin adhesive(\$20)	1640.00	0.00	1640.00
15 ea. rock drill bit (\$50.00 ea.)	750.00	0.00	750.00
10 ea. wood auger bit (\$35.00 ea.)	350.00	0.00	350.00
100 yds. boulder (\$4.25/cu.yd.)	0.00	425.00	425.00
misc. tools and supplies	50.00	. 0.00	50.00
TOTAL MATERIALS / SUPPLIES	<u>\$4,702.00</u>	<u>\$425.00</u>	<u>\$5,127.00</u>
<u>OPERATING EXPENSES</u>			
18 days equipment operator per diem (\$100.00/day)	1800.00	0.00	1800.00
41hrs. Excavator @ \$83.00/hr.	0.00	3,403.00	3,403.00
41 hrs. Transporting Boulder @\$50.00/hr.	0.00	2,050.00	2,050.00
165 gal. Diesel fuel @ \$1.40/gal.	231.00	0.00	231.00
TOTAL OPERATING EXPENSES	<u>\$2,031.00</u>	<u>\$5,453.00</u>	<u>\$7,484.00</u>
TOTAL ESTIMATED BUDGET	<u>\$40,573.00</u>	<u>\$5,878.00</u>	<u>\$46,541.00</u>

PERCENT COST SHARE: 12.6

LITTLE NORTH FORK NAVARRO

QUADS: BAILEY RIDGE, NAVARRO

