

GREAT NORTHERN CORPORATION

P.O. Box 20
Weed, CA. 96064
(530) 938-4115
fax (530) 938-1040
email o-gnchcd@inreach.com

3 January, 2000

Brie Darr
U.S. Fish and Wildlife Service
Klamath River FRO
P.O. Box 1006
Yreka, CA. 96097

**RE: Shasta River Ordway Ranch Fencing Project
14-48-0001-96733, 96-JITW-01**

Enclosed please find our final report for the above project.

We appreciate the opportunity to work on this most worthwhile project, if you need further information or clarification, please feel free to contact me at the above number.

Sincerely,

James C. Cook
Community Development Coordinator

GREAT NORTHERN CORPORATION
P.O. Box 20
Weed, CA. 96064
(530) 938-4115
fax (530) 938-1040

**FINAL REPORT
TO
US FISH AND WILDLIFE SERVICE
FOR
IMPLEMENTATION OF
SHASTA RIVER FISHERIES
HABITAT RESTORATION
PROJECTS
Shasta River Ordway Ranch Fencing
Project**

14-48-0001-96733, 96-JITW-01

January 2000

Shasta River Ordway Ranch Fencing Project 14-48-0001-96733, 96-JITW-01

The following report is submitted to the United States Fish and Wildlife Service concerning the Shasta River Ordway Ranch Fencing Repair project 14-48-0001-96733, 96-JITW-01 implemented by Great Northern Corporation on behalf of the Shasta River Watershed Group (CRMP).

Shasta River Ordway Ranch Fencing Project

Abstract:

A total of approximately 20,000 feet of livestock control fencing was placed during the original Ordway Fence project to protect the riparian areas of the mainstem Shasta River. Since its placement in 1991, the Ordway fence has sustained heavy damage (approximately 2500 feet). Approximately 450 feet of extensive fence damage was repaired under this project. Fencing was standard 5- strand barbed wire and corners were 6X8 treated railroad ties.

Introduction:

The Shasta River Watershed Group (CRMP) has attempted to maintain a continuing program of creating livestock control fencing along the Shasta River since 1989. The U.S. Fish & Wildlife Service funded this grant to repair flood damage to the fencing on the Ordway Ranch, one of the earliest projects implemented by the Shasta CRMP.

Livestock control along the banks of the Shasta River is designed to protect the banks from mechanical damage by heavy livestock and to allow additional vegetative growth to create a buffer zone for water quality improvement and allow tree growth in order to provide shade to the river surface.

This project repaired flood damage caused by the 100 year flood of January 1997 among other periodic high water events.

Description of Study area:

Ordway Ranch Ranch, North of Edgewood, upstream and downstream of railroad crossing at Shasta River, T43N, R6W, NW sec 28

Methods:

The repairs to the fence were placed at an average distance of 25 feet away from the top of the Shasta River bank. The materials used included 6X8 railroad ties for corner "H-brace" structures with pressure treated posts placed in the fence line at no more than 60 feet. The Shasta CRMP used material requested by the landowner and approved by funding agencies and the California Department of Fish and Game. Fencing specifications are attached.

Results and discussion of accomplishments:

Ordway Ranch

Repairs at northeastern side of fencing project downstream of railroad crossing, approximately 450 feet: 5 H-braces, 5 in-line posts, 40 T-posts, 5 strands barbed wire.

Summary and Conclusion:

A total of 938 feet of livestock control fence were repaired during this project. Though much remains to be done, these funds were vital for the Shasta River CRMP habitat protection and improvement program. They have allowed the Shasta River CRMP to maintain contact with a one of its earliest cooperating local landowners and continue the improvement and protection of the fisheries habitat of the Shasta River.

Summary of Expenditures for Work Completed:

	contract	actual
Salary	\$ 4,000.00	\$ 4,000.00
Materials	1,507.00	1,507.00
Travel	217.00	217.00
Totals	\$5,724.00	\$5,724.00