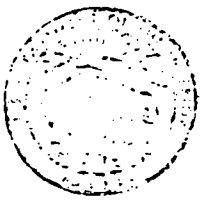


Hester 1976

ADDRESS ONLY THE DIRECTOR,
FISH AND WILDLIFE SERVICE



United States Department of the Interior

FISH AND WILDLIFE SERVICE
WASHINGTON, D.C. 20240

August 3, 1976

Memorandum

To: Chief, Division of Ecological Services
Chief, Office of Biological Services

From: Associate Director-Environment and Research

Subject: Redwood Creek, California

Over a period of many years there has apparently been a deterioration of Redwood Creek in California related to logging and erosion on the watershed, and perhaps from other causes. Although much may be known about this problem, the information does not seem to exist in an easily accessible form.

I need the two offices to work together throughout this assignment and to produce the two needed documents by September 7.

1. From Ecological Services I need a scientific report

Summarize existing information about past and present status of anadromous fish run and other aquatic resources. What is known about the magnitude of fish runs, success of spawning, etc. This should be essentially a review of literature plus unpublished information which may be available.

Photos before - after

You should contact the following sources of information, plus others you may be able to locate: Portland Regional Office; Sacramento ES Field Office; ES and OBS Washington; OBS Stream Alteration Team; Division of Population Ecology-Research; California Cooperative Fishery Unit; Dr. Richard J. Janda, Geological Survey, Menlo Park, California; and California Fish and Game.

2. From Biological Services I need a proposal for a more indepth study to more fully evaluate the present and future of Redwood Creek and its aquatic resources. Also include other appropriate streams in the vicinity. Can salmon runs be restored? What would be the magnitude of the run if the creek and fishery were preserved or restored? What conditions would be required for restoration? Is there proof that the fishery could be restored? What could we anticipate the value of the fishery would be?



It is probable that the decision on this matter will ultimately be made by Congress, and we should provide a fact base and analysis to facilitate that decision.

What I need by September 7 is the proposal for study. Keep in mind these factors: 1. Geological Survey did a study on sedimentation which apparently is presently serving as such a fact base and analysis, and we would need to produce something along this line; 2. Funds to carry out the proposal are potentially available from the National Park Service or elsewhere in the Department; 3. Think in terms of a 4-6 months study, to be completed in spring 1977; 4. The same sources of information listed above should be useful to you in your efforts; and 5. The proposal should be stratified by dollar amount and by time.

J. Eugene Hester